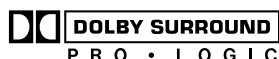
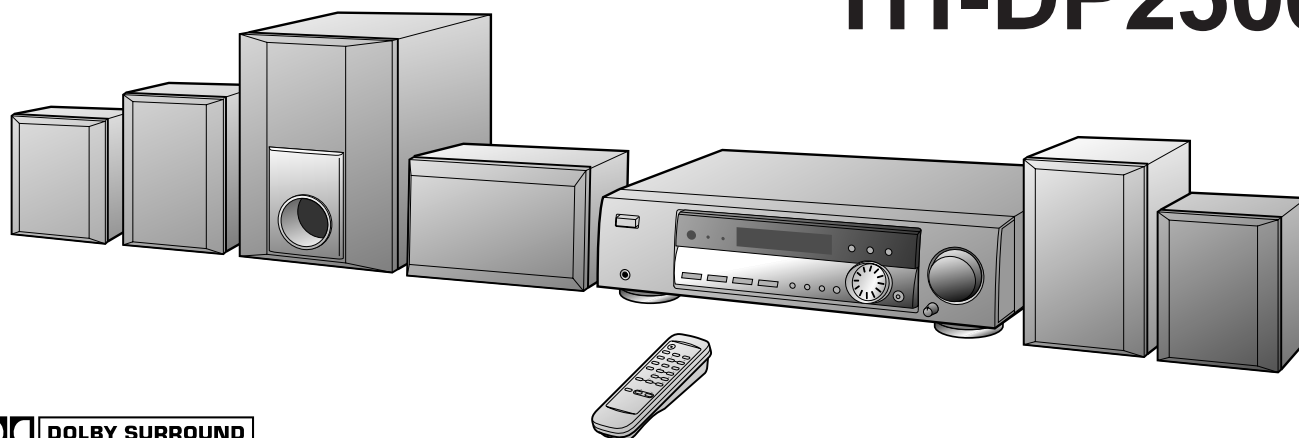


SHARP SERVICE MANUAL

No. S7859HTDP2500

HT-DP2500



Manufactured under license from Dolby Laboratories Licensing Corporation.

DOLBY, the double-D symbol  and "PRO LOGIC" are trademarks of Dolby Laboratories Licensing Corporation.

• In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified should be used.

CONTENTS

	Page
IMPORTANT SERVICE NOTES	2
SPECIFICATIONS	2
NAMES OF PARTS	3
REMOTE CONTROL	4
DISASSEMBLY	5
ADJUSTMENT	7
NOTES ON SCHEMATIC DIAGRAM	9
TYPES OF TRANSISTOR AND LED	9
BLOCK DIAGRAM	10
SCHEMATIC DIAGRAM/WIRING SIDE OF P.W.BOARD	12
FUNCTION TABLE OF IC	24
FL SEGMENT	29
PARTS GUIDE/EXPLODED VIEW	
PACKING OF THE SET	

FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

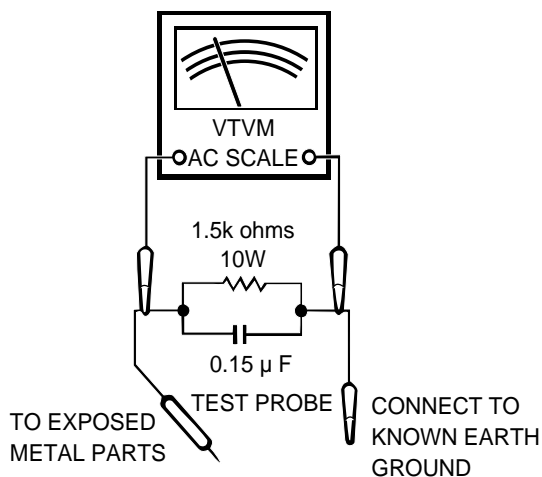
IMPORTANT SERVICE NOTES

BEFORE RETURNING THE AUDIO PRODUCT

(Fire & Shock Hazard)

Before returning the audio product to the user, perform the following safety checks.

1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the audio product.
2. Inspect all protective devices such as insulating materials, cabinet, terminal board, adjustment and compartment covers or shields, mechanical insulators etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - * Plug the AC line cord directly into a 120 volt AC outlet.
 - * Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as conduit or electrical ground connected to earth ground.
 - * Use a VTVM or VOM with 1000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor (See diagram).
 - * Connect the resistor connection to all exposed metal parts having a return path to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.



All check must be repeated with the AC line cord plug connection reversed.

Any reading of 0.3 volt RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the audio product to the owner.

SPECIFICATIONS

HT-DP2500

● General

Type:	Home theater receiver
Power source:	AC 120 V, 60 Hz
Power consumption:	110 W
Dimensions:	Width; 16-15/16" (430 mm) Height; 4-5/8" (116 mm) Depth; 12-11/16"
Weight:	14.8 lbs. (6.7 kg)
Output power:	(Front) 25 watts minimum RMS per channel into 8 ohms from 100 Hz to 20 kHz, 10 % total harmonic distortion. (Center) RMS; 25 W (10 % T.H.D.) (Surround) RMS; 25 W (total) (10 % T.H.D.) (Sub woofer) RMS; 25 W (10 % T.H.D.)
Output terminals:	Front speakers; 8 ohms Center speaker; 8 ohms Surround speakers; 16 ohms Sub woofer; 8 ohms Headphones; 16-50 ohms (recommended; 32 ohms)
Input terminals:	VCR-1, VCR-2, AUX (Audio signal); 500 mV/47 kohms

● Tuner section

Frequency range:	FM; 87.5 - 108 MHz AM; 530 - 1,720 kHz
------------------	---

CP-F2500

● Front speaker section

Type:	2-way, 4" (10 cm) woofer, and 2" (5 cm) tweeter
Maximum Input power:	50 W
Impedance:	8 ohms

Dimensions:	Width; 5-15/16" (150 mm) Height; 7-7/8" (200 mm) Depth; 4-15/16" (125 mm)
Weight:	3.3 lbs. (1.5 kg)/each

CP-C2500

● Center speaker section

Type:	4" (10 cm) full-range speaker
Maximum Input power:	50 W
Impedance:	8 ohms
Dimensions:	Width; 7-7/8" (200 mm) Height; 5-15/16" (150 mm) Depth; 4-15/16" (125 mm)
Weight:	2.9 lbs. (1.3 kg)

CP-SR2500

● Surround speaker section

Type:	4" (10 cm) full-range speaker
Maximum Input power:	25 W
Impedance:	16 ohms
Dimensions:	Width; 5-15/16" (150 mm) Height; 6-3/4" (170 mm) Depth; 4-3/16" (105 mm)
Weight:	2.2 lbs. (1.0 kg)/each

CP-SW2500

● Sub woofer section

Type:	5-1/8" (13 cm) full-range speaker
Maximum Input power:	50 W
Impedance:	8 ohms
Dimensions:	Width; 8-5/16" (210 mm) Height; 12-1/4" (310 mm) Depth; 12-3/16" (310 mm)
Weight:	9.3 lbs. (4.2 kg)

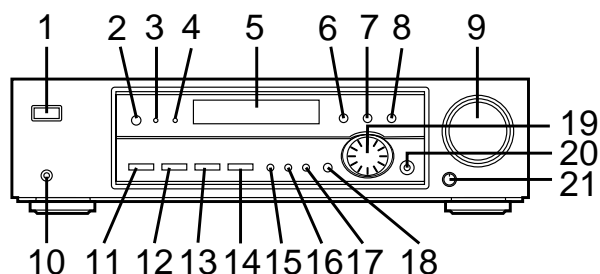
Specifications for this model are subject to change without prior notice.

NAMES OF PARTS

HT-DP2500

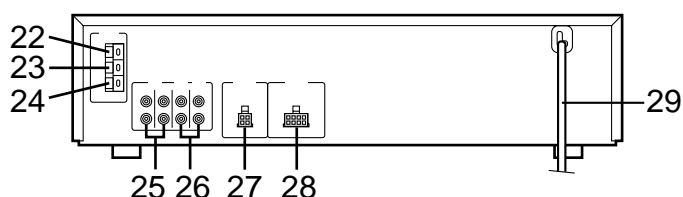
Front Panel

1. Power Switch
2. Remote Control Sensor
3. Stand-by Indicator
4. Timer Indicator
5. Display Panel
6. Dolby Pro Logic Button
7. Equalizer Button
8. Extra Bass Button: X-BASS
9. Volume Control
10. Headphones Socket
11. VCR-1 Button
12. VCR-2 Button
13. Aux Button
14. Tuner (Band) Button
15. Tuning Down Button
16. Tuning Up Button
17. Memory Button
18. Timer/ Sleep Button
19. Jog Dial
20. Enter Button
21. Sub Woofer Volume Control



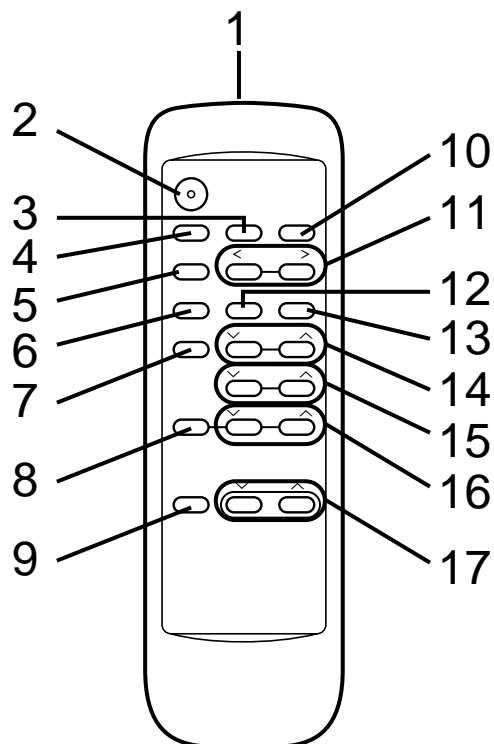
Rear Panel

22. AM Antenna Terminal
23. Antenna Ground Terminal
24. FM Antenna Terminal
25. VCR-1 Input/Output Sockets
26. VCR-2/Aux Input Sockets
27. Surround Speaker Socket
28. Front/Center Speaker/Sub Woofer Socket
29. AC Power Cord



Remote Control

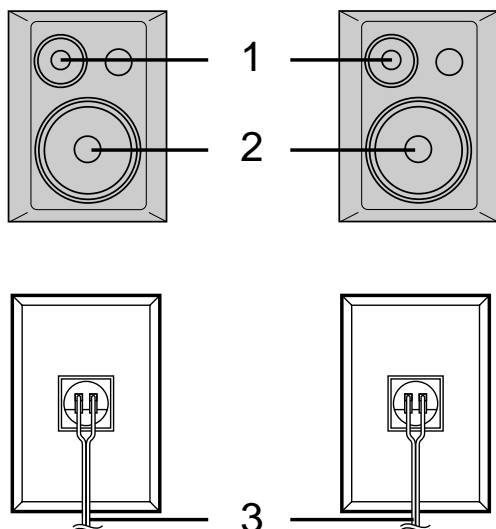
1. Remote Control Transmitter LED
2. Power Button
3. VCR-2 Button
4. VCR-1 Button
5. Preset Balance Button
6. Dolby Pro Logic Button
7. Test Tone Button
8. Tuner (Band) Button
9. Mute Button
10. Aux Button
11. Balance Buttons: </>
12. Equalizer Button
13. Extra Bass Button: X-BASS
14. Center level Buttons: ∨/∧
15. Surround level Buttons: ∨/∧
16. Preset Up/Down Buttons: ∨/∧
17. Volume Up/Down Buttons: ∨/∧



HT-DP2500

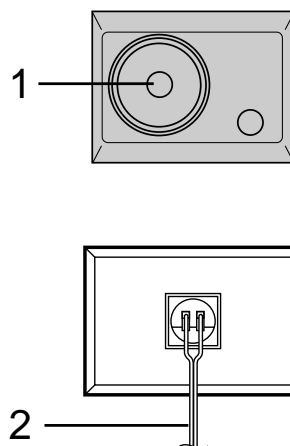
CP-F2500

1. Tweeter
2. Woofer
3. Speaker Cord



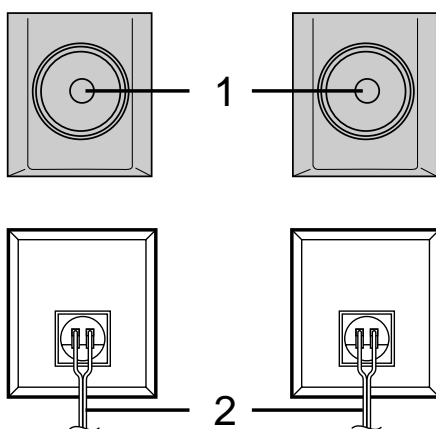
CP-C2500

1. Woofer
2. Speaker Cord



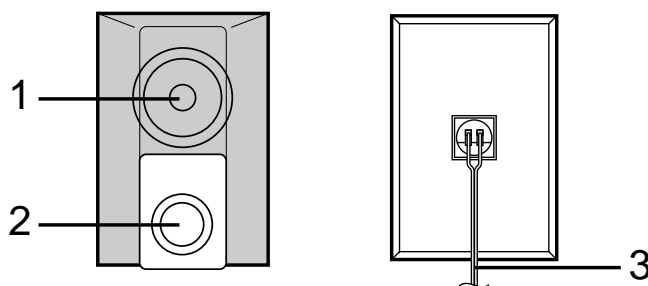
CP-SR2500

1. Woofer
2. Speaker Cord



CP-SW2500

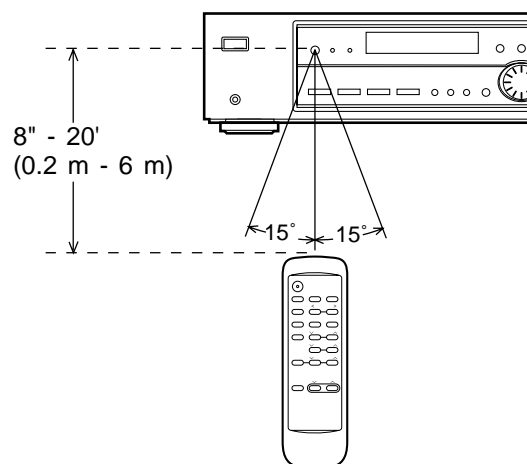
1. Woofer
2. Bass Reflex Duct
3. Speaker Cord



REMOTE CONTROL

Notes concerning use:

- Replace the batteries if the operating distance is reduced or if the operation becomes erratic.
- Periodically clean the transmitter LED on the remote control and the sensor on the main unit with a soft cloth.
- Exposing the sensor on the main unit to strong light may interfere with operation. Change the lighting or the direction of the unit.
- Keep the remote control away from moisture, excessive heat, shock, and vibrations.



DISASSEMBLY

Caution on Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep it safe and ensure excellent performance:

1. Take cassette tape and compact disc out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
3. Take off nylon bands or wire holders where they need be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

HT-DP2500

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw (A1) x5	5-1
2	Rear Panel	1. Screw (B1) x9	5-1
3	Front Panel	1. Screw (C1) x5 2. Flat Cable (C2) x1 3. Socket (C3) x3	5-2 5-3
4	Main PWB/ Tuner PWB	1. Screw (D1) x7 2. Socket (D2) x1	5-2
5	Power A PWB	1. Screw (E1) x4 2. Screw (E2) x2 3. Screw (E3) x1	5-2
6	Jog Dial	1. Knob (F1) x1 2. Nut (F2) x1	5-3
7	Display PWB	1. Screw (G1) x9 2. Socket (G2) x1 3. Knob (G3) x1	5-3
8	Switch PWB	1. Screw (H1) x2	5-3
9	Headphones PWB	1. Screw (J1) x1	5-3

CP-F2500

STEP	REMOVAL	PROCEDURE	FIGURE
1	Woofer/Tweeter	1. Net (A1) x1 2. Screw (A2) x6	6-1

CP-SW2500

STEP	REMOVAL	PROCEDURE	FIGURE
1	Speaker	1. Net (A1) x1 2. Screw (A2) x4	6-2

CP-C2500

STEP	REMOVAL	PROCEDURE	FIGURE
1	Speaker	1. Net (A1) x1 2. Screw (A2) x4	6-3

CP-SR2500

STEP	REMOVAL	PROCEDURE	FIGURE
1	Speaker	1. Net (A1) x1 2. Screw (A2) x4	6-4

HT-DP2500

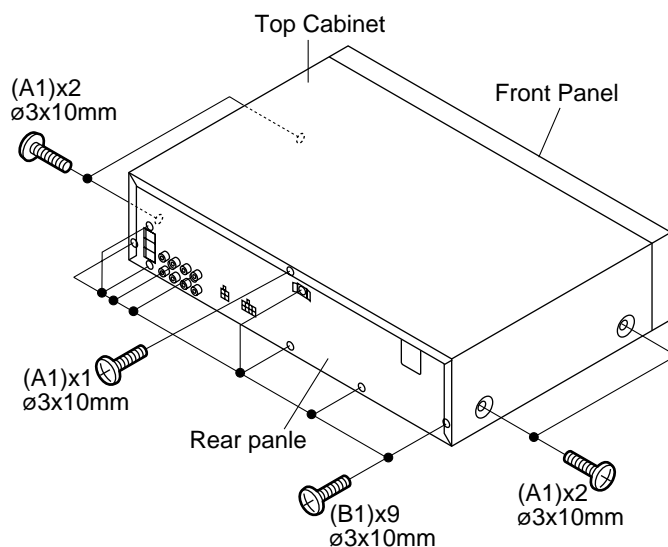


Figure 5-1

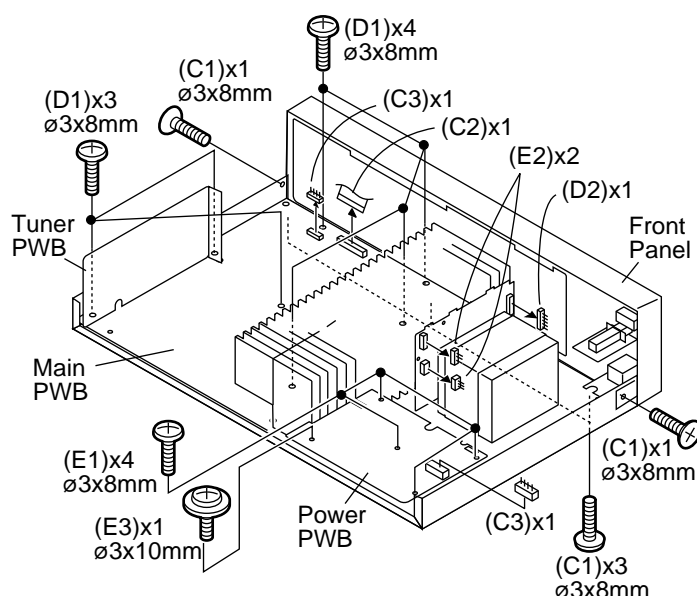


Figure 5-2

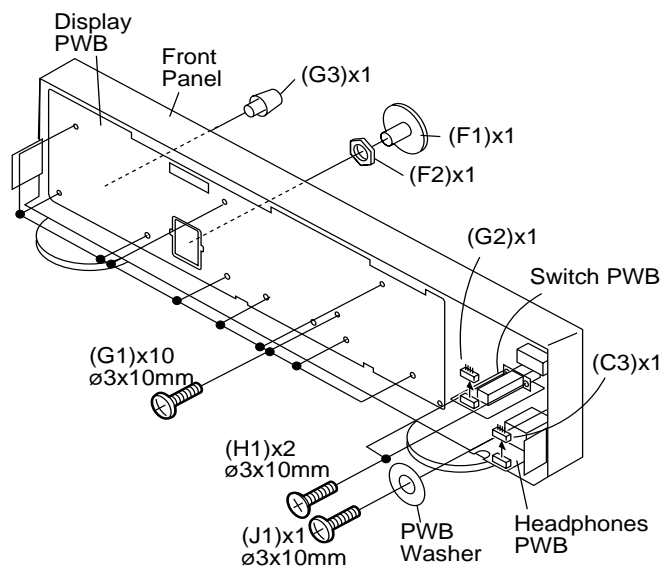


Figure 5-3

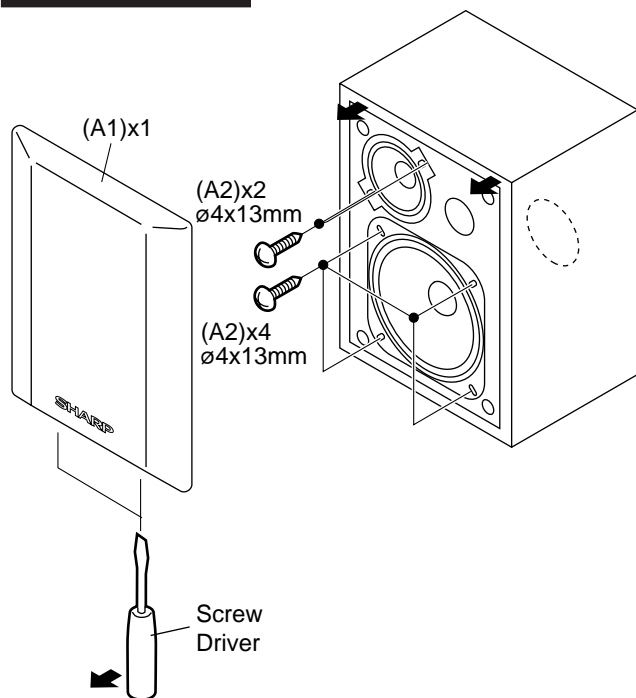


Figure 6-1

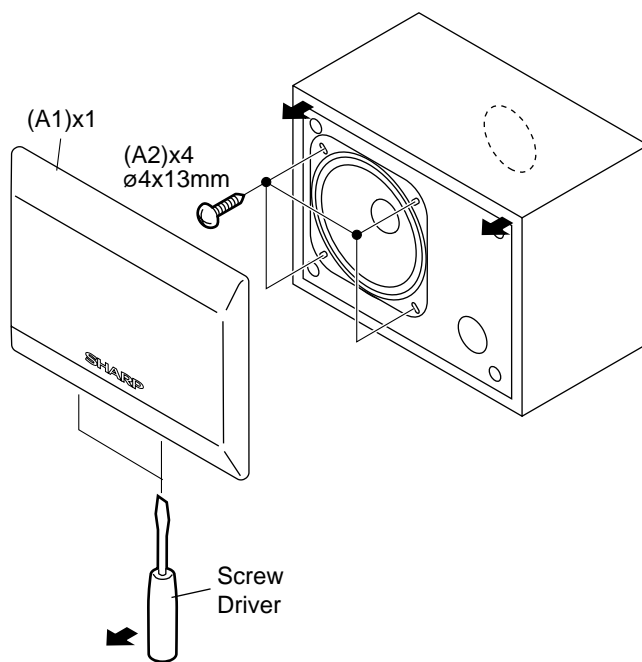


Figure 6-3

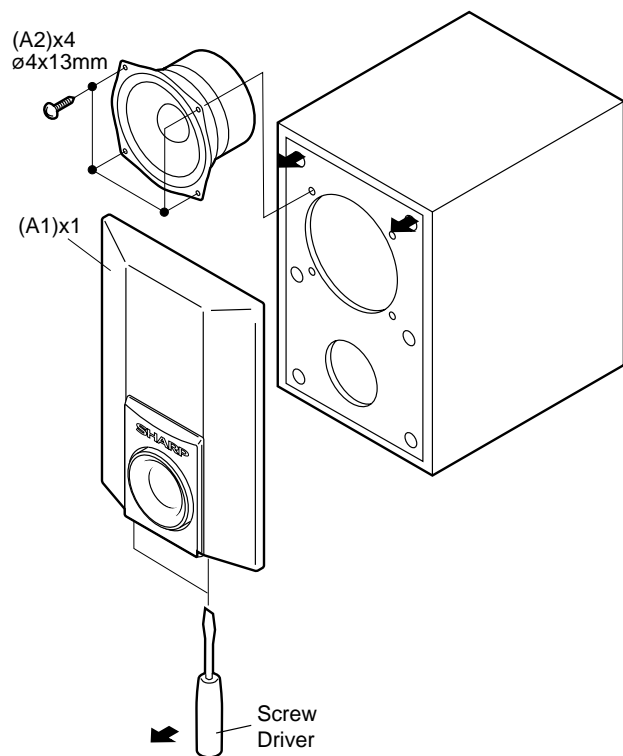


Figure 6-2

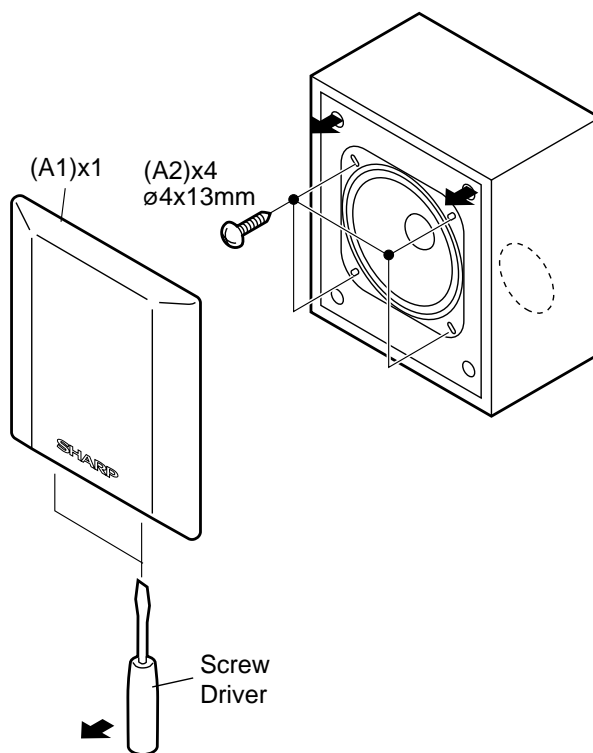


Figure 6-4

ADJUSTMENT

TUNER SECTION

fL: Low-range frequency

fH: High-range frequency

• FM RF

Signal generator: 1 kHz, 75 kHz dev., FM modulated

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Parts	Instrument Connection
Band Coverage	—	87.5 kHz	(fL): L202 3.4 ± 0.1 V	*1
RF	98 MHz (10 - 30 dB)	98.0 MHz	L201	*2

*1. Input: Antenna, Output: TP302

*2. Input: Antenna, Output: Speaker Terminal

• FM Detection

Signal generator: 10.7 MHz, FM sweep

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Parts	Instrument Connection
IF	10.7 MHz	98.0 MHz	T202 (Turn the core of T202 fully counter-clock wise)	Input: Pin 1 of IC201 Output: Pin 1 of IC203

• AM IF/RF

Signal generator: 400 Hz, 30%, AM modulated

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Parts	Instrument Connection
IF	450 kHz	1,702 kHz	T204	*1
Band	—	530 kHz	(fL): T203 (AM Band Coverage 0.8V±0.1v)	*2
Tracking	990 kHz	990 kHz	T201	*1

*1. Input: Antenna, Output: TP301

*2. Input: Input is not connected, Output: TP302

• Setting the Test Mode

Keeping the ENTER button and MEMORY button pressed, turn on POWER (of Main Set). Then, the frequency is initially set in the memory as shown in Table. Call it with the JOG to use it for adjustment and check of tuner circuit.

Preset No.	FM	Preset No.	AM
1	87.50 MHz	6	530 kHz
2	108.00 MHz	7	1,720 kHz
3	98.00 MHz	8	990 kHz
4	90.00 MHz	9	600 kHz
5	106.00 MHz	10	1,400 kHz
11~40	—		

• FM Mute Level

Signal generator: 1 kHz, 40 kHz dev., FM modulated

Frequency	Frequency Display	Adjusting Parts	Instrument Connection
98.0 MHz (25 dBμV)	98.0 MHz	VR201 *1	Input: SOC201 Output: Speaker Terminal

*1. Adjust so that an output signal appears.

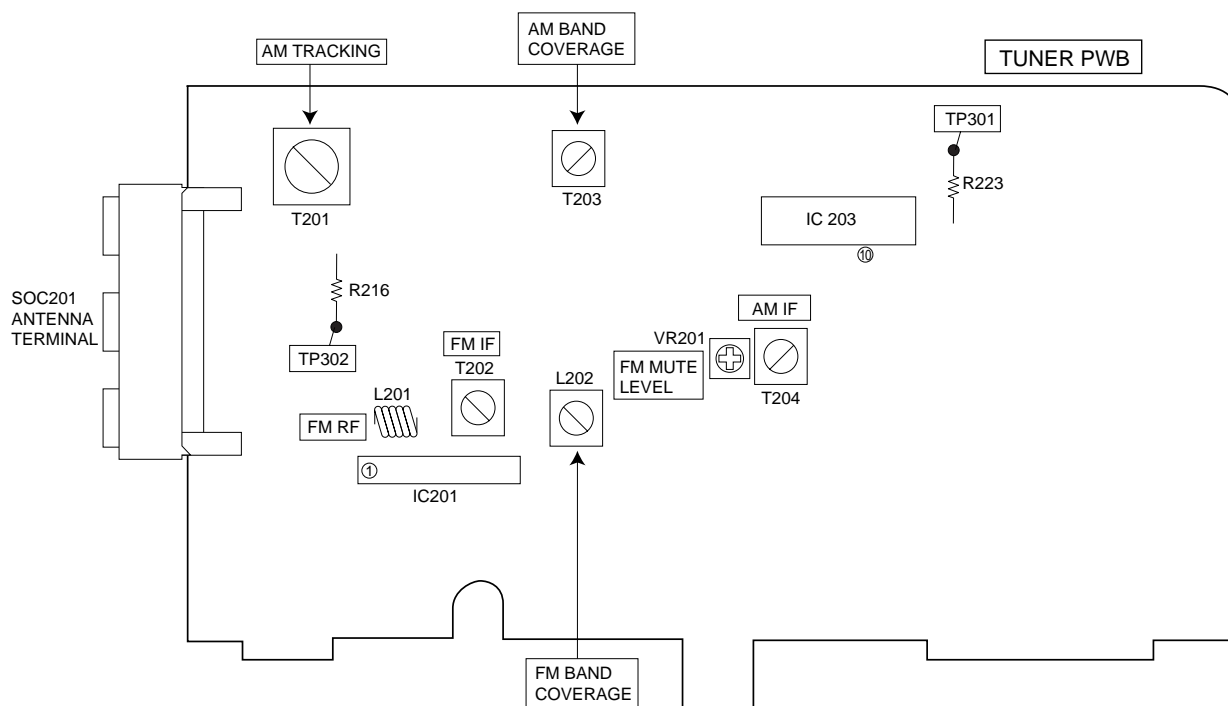


Figure 7 ADJUSTMENT POINTS

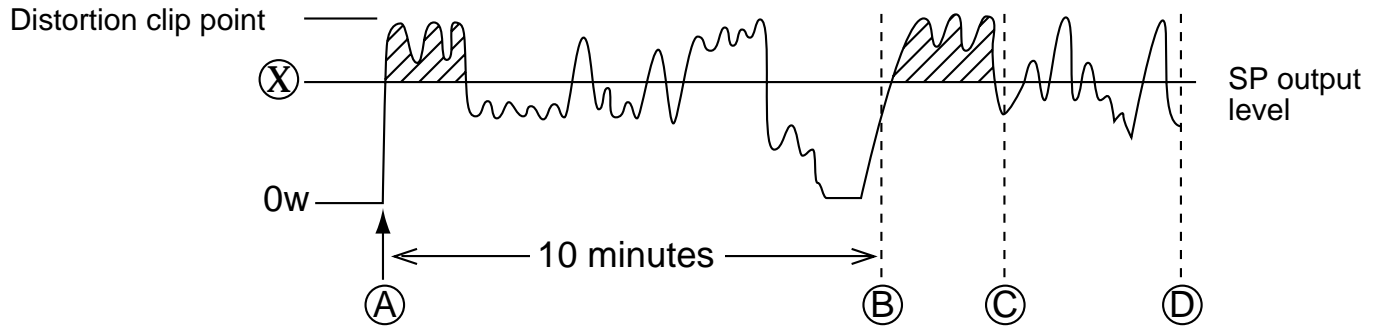
EXPLANATION OF AUTOMATIC SOUND VALUE CORRECTION CONTROL

1. Outline

The recent trend is toward rise of CD record level in the world, for example rock, dancing music, etc. In case of continuous high level playback G-EQ (graphic equalizer) and VOL (Volume) are controlled (lowered) automatically after a lapse of specific time (10 minutes) so as to get the easy-to-listen sound level.

2. Explanation of operation

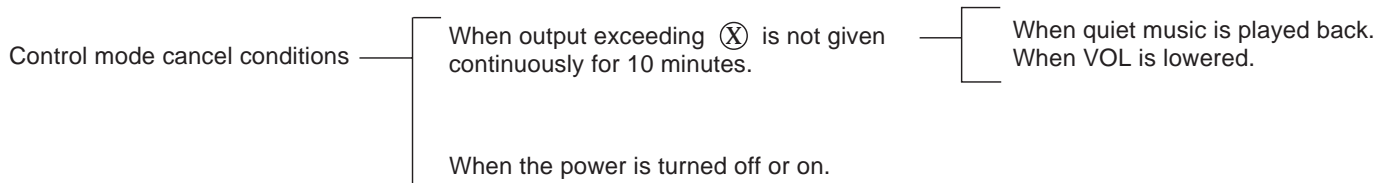
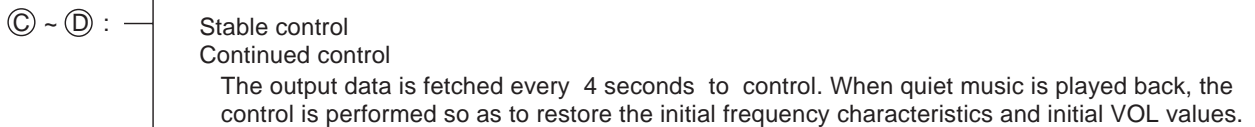
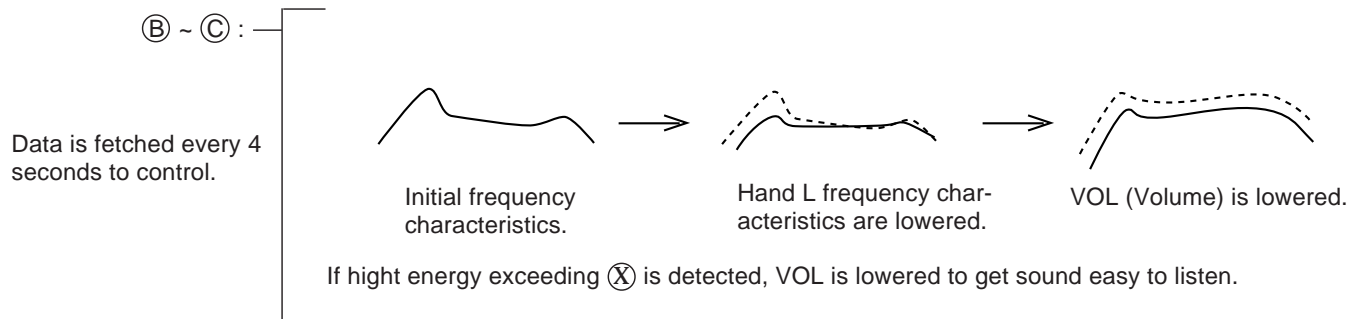
The CD playback operation is explained below.



(X) : Threshold value of control circuit operation

(A) : Hight energy (hatched area) exceeding (X) is detecated, and the control mode is set.

(B) : After a lapse of 10 minutes the control is started.

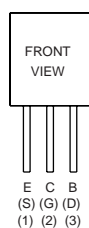


NOTES ON SCHEMATIC DIAGRAM

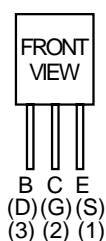
- **Resistor:**
To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with "Fusible" is a fuse type.
- **Capacitor:**
To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.
(CH), (TH), (RH), (UJ): Temperature compensation
(ML): Mylar type
(P.P.): Polypropylene type
- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
 1. In the tuner section,
() indicates AM
< > indicates FM stereo
 2. In the main section, VCR1.
 3. In the power section, VCR1.
- Parts marked with "△" (□ = = □) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SW1	POWER	ON—OFF
SW2	TIMER/SLEEP	ON—OFF
SW3	DOLBY PROLOGIC	ON—OFF
SW4	EQUALIZER	ON—OFF
SW5	X-BASS	ON—OFF
SW6	ENTER	ON—OFF
SW7	VOLUME DOWN	ON—OFF
SW8	VOLUME UP	ON—OFF

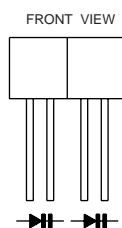
REF. NO	DESCRIPTION	POSITION
SW9	MEMORY/SET	ON—OFF
SW10	TUNING UP	ON—OFF
SW11	TUNING DOWN	ON—OFF
SW12	TUNER/BAND	ON—OFF
SW13	CD/AUX	ON—OFF
SW14	VCR-2	ON—OFF
SW15	VCR-1	ON—OFF
SW23	JOG	ON—OFF



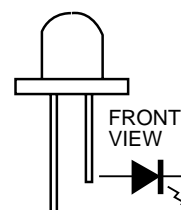
KRA102 M
KRC102 M
KTC3199 GR
2SC535 C
KRC104 M
KTA1266 GR
2SC2878 B
2SD468 C
KRC107 M



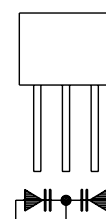
2SD2012 Y



KV1236Z23



L1154HDB



KDV147 C

Figure 9 TYPES OF TRANSISTOR AND LED

- 10 -

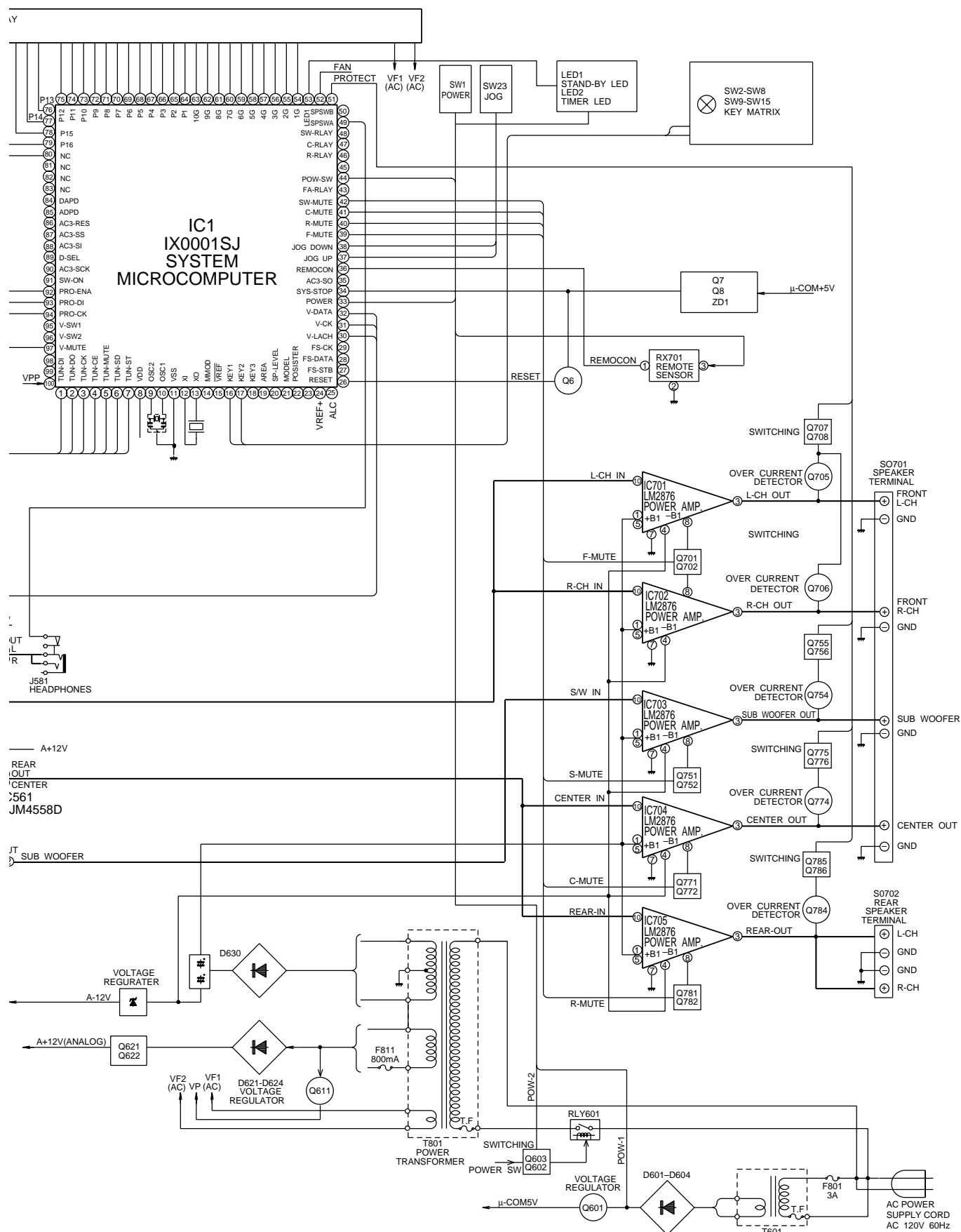


Figure 11 BLOCK DIAGRAM (2/2)

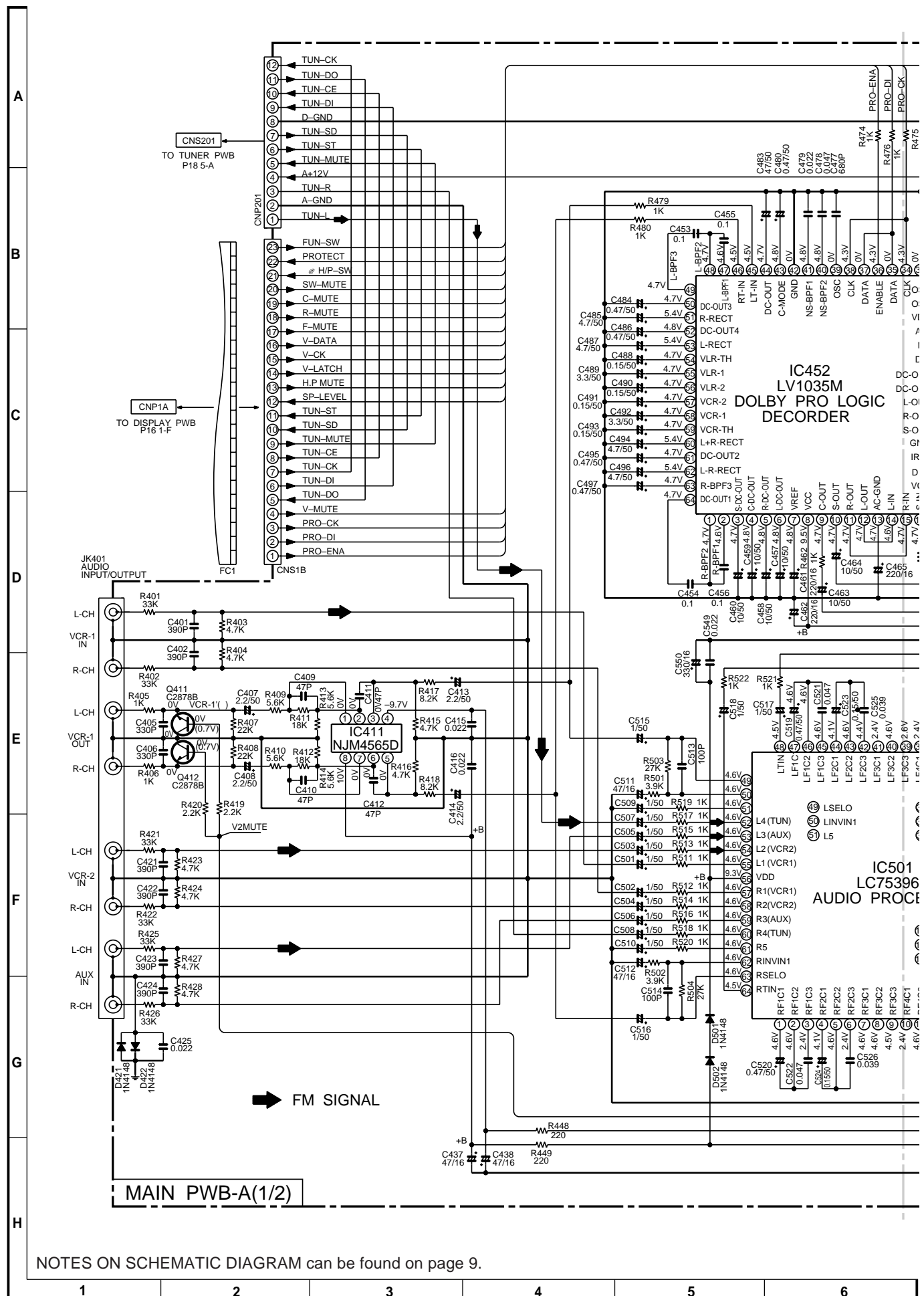


Figure 12 SCHEMATIC DIAGRAM (1/7)

7	8	9	10	11	12
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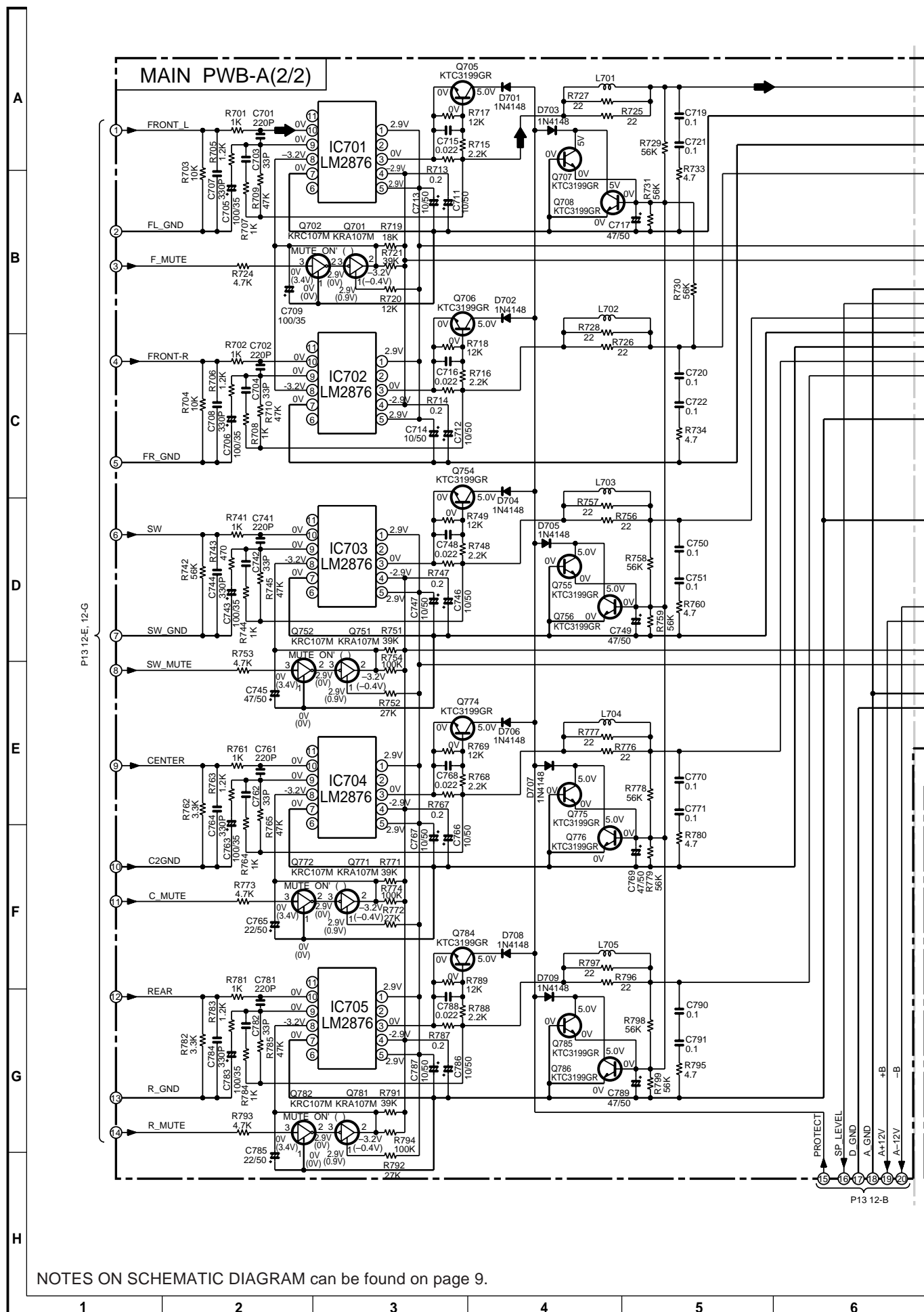


Figure 14 SCHEMATIC DIAGRAM (3/7)



- 16 -

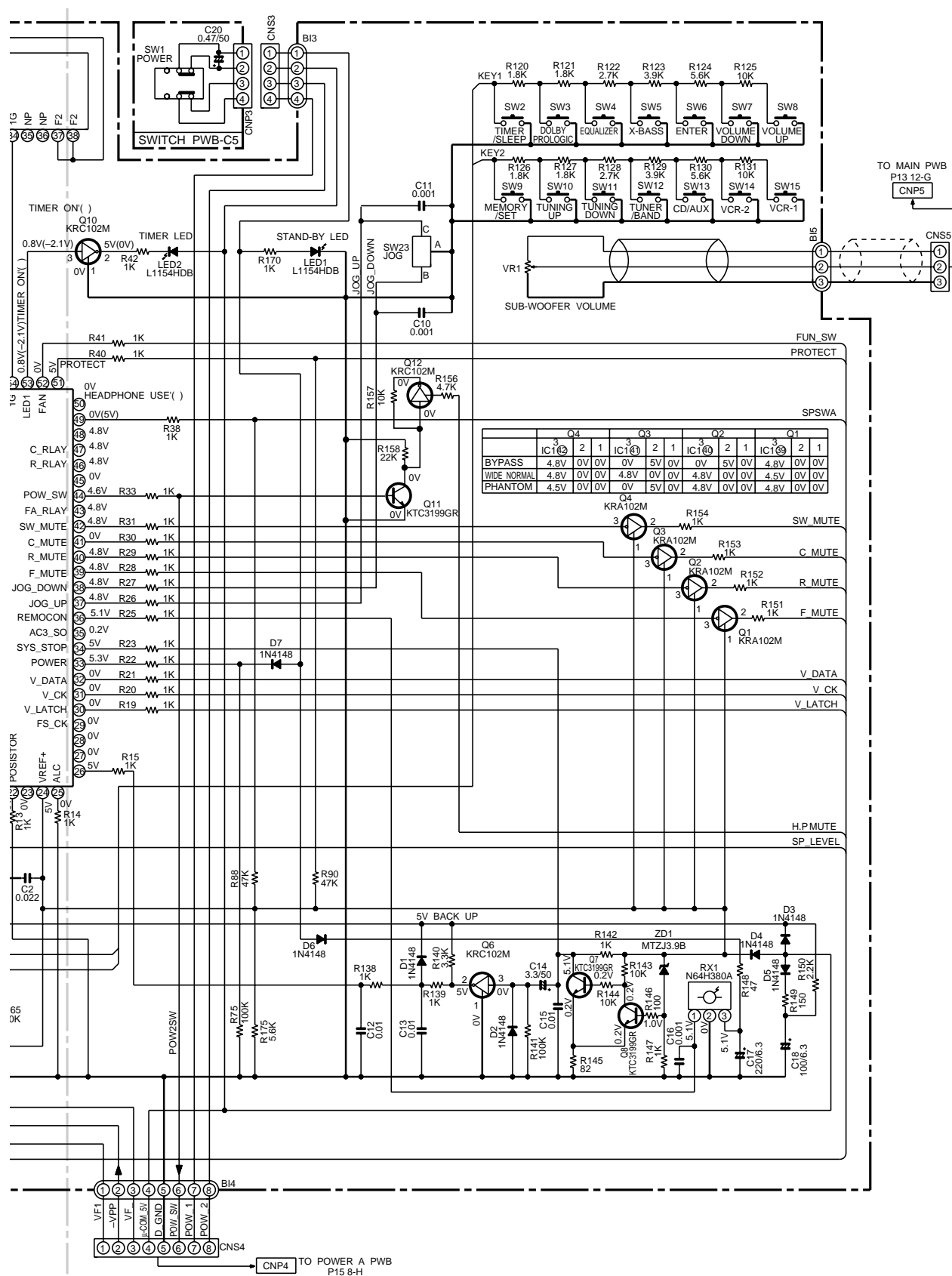


Figure 17 SCHEMATIC DIAGRAM (6/7)

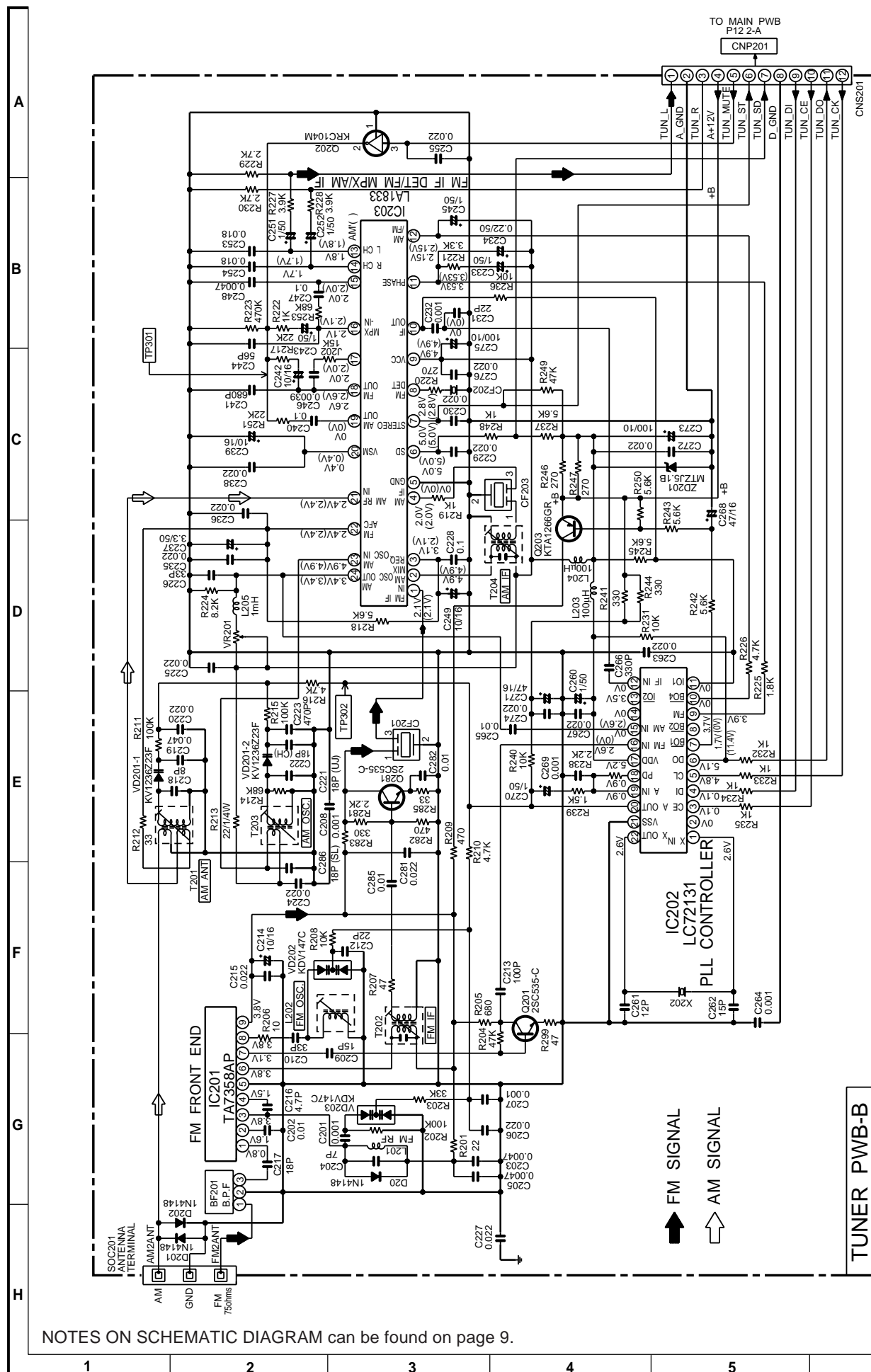


Figure 18 SCHEMATIC DIAGRAM (7/7)

TUNER PWB-B

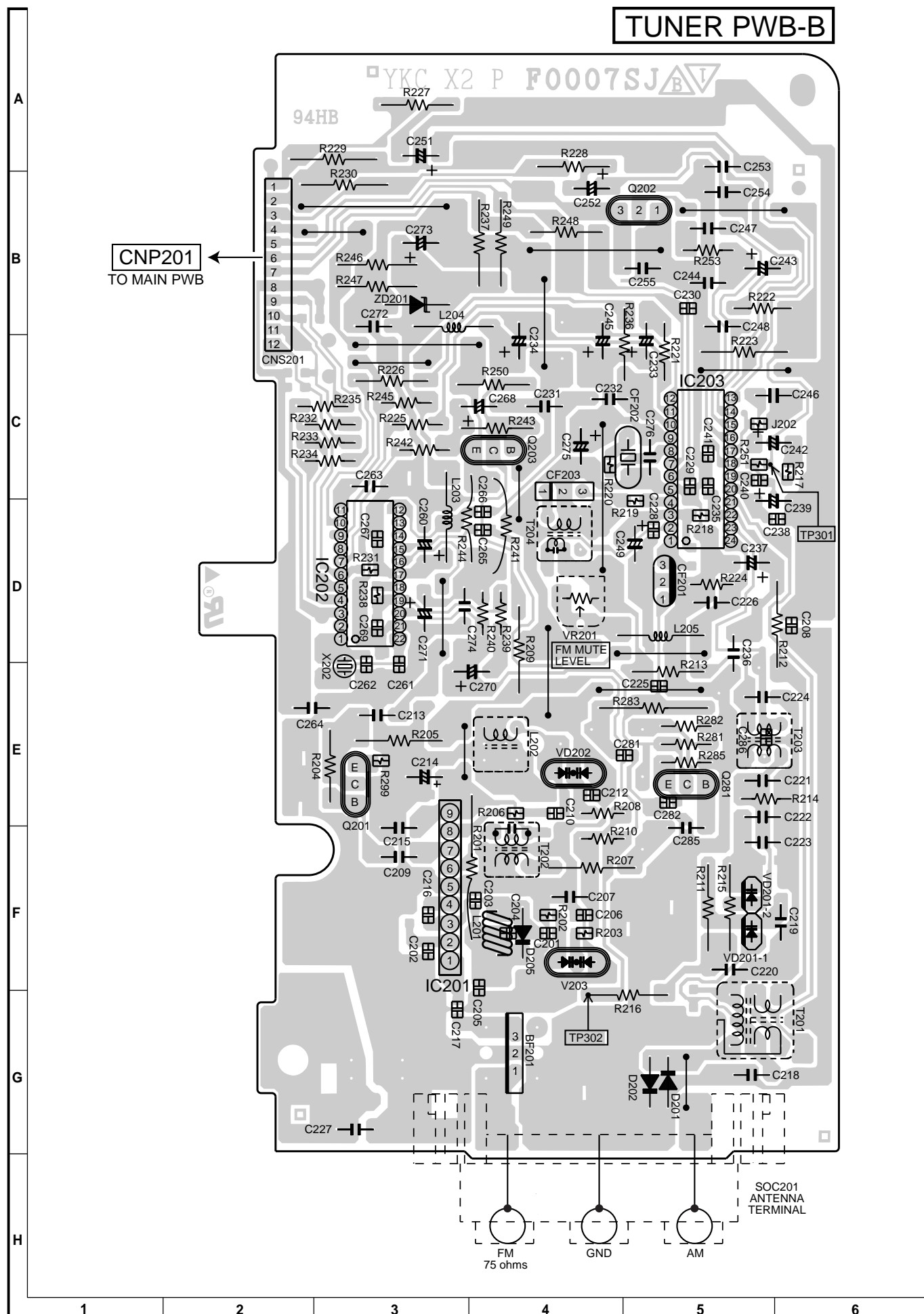
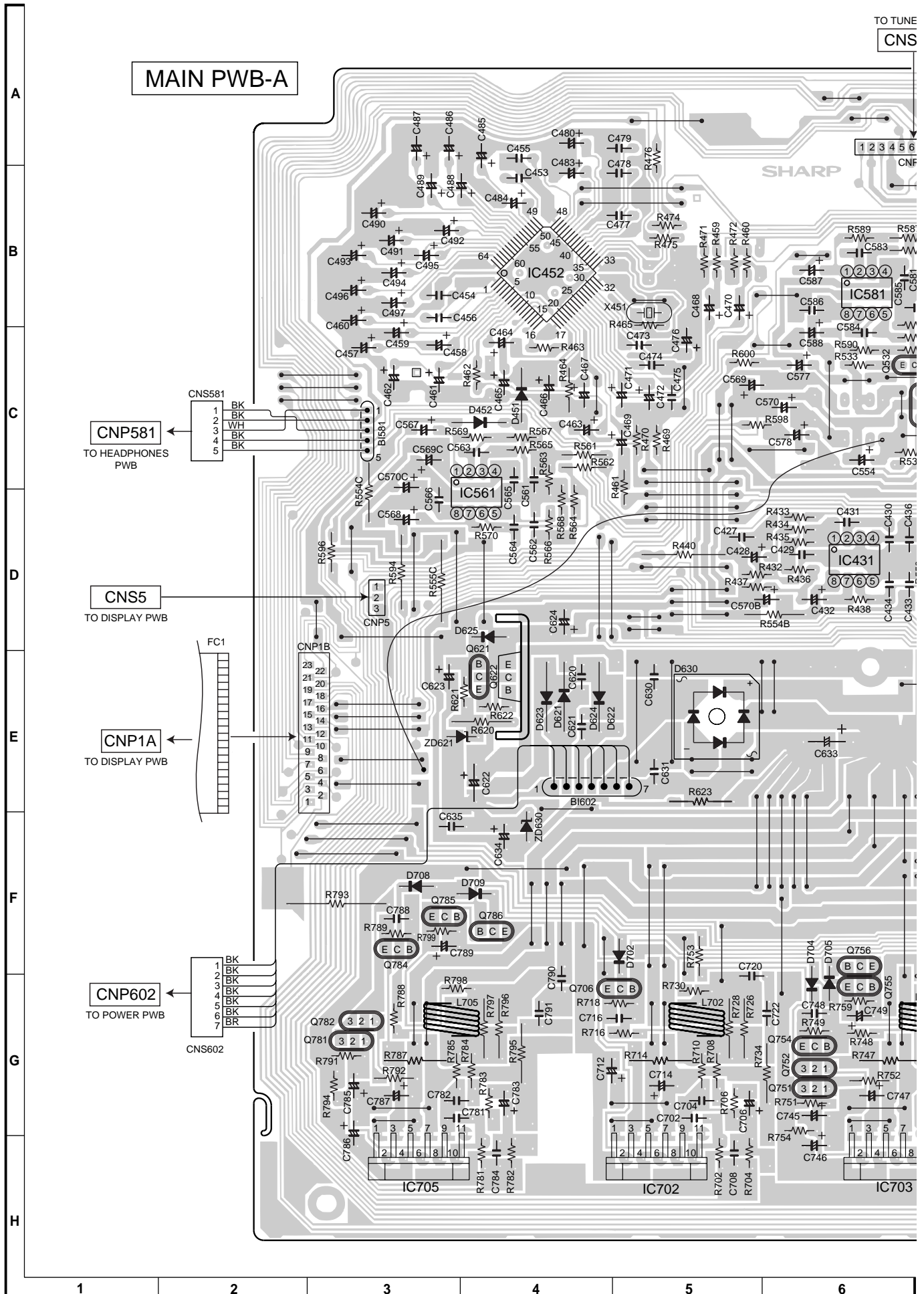


Figure 19 WIRING OF P.W.BOARD (1/5)



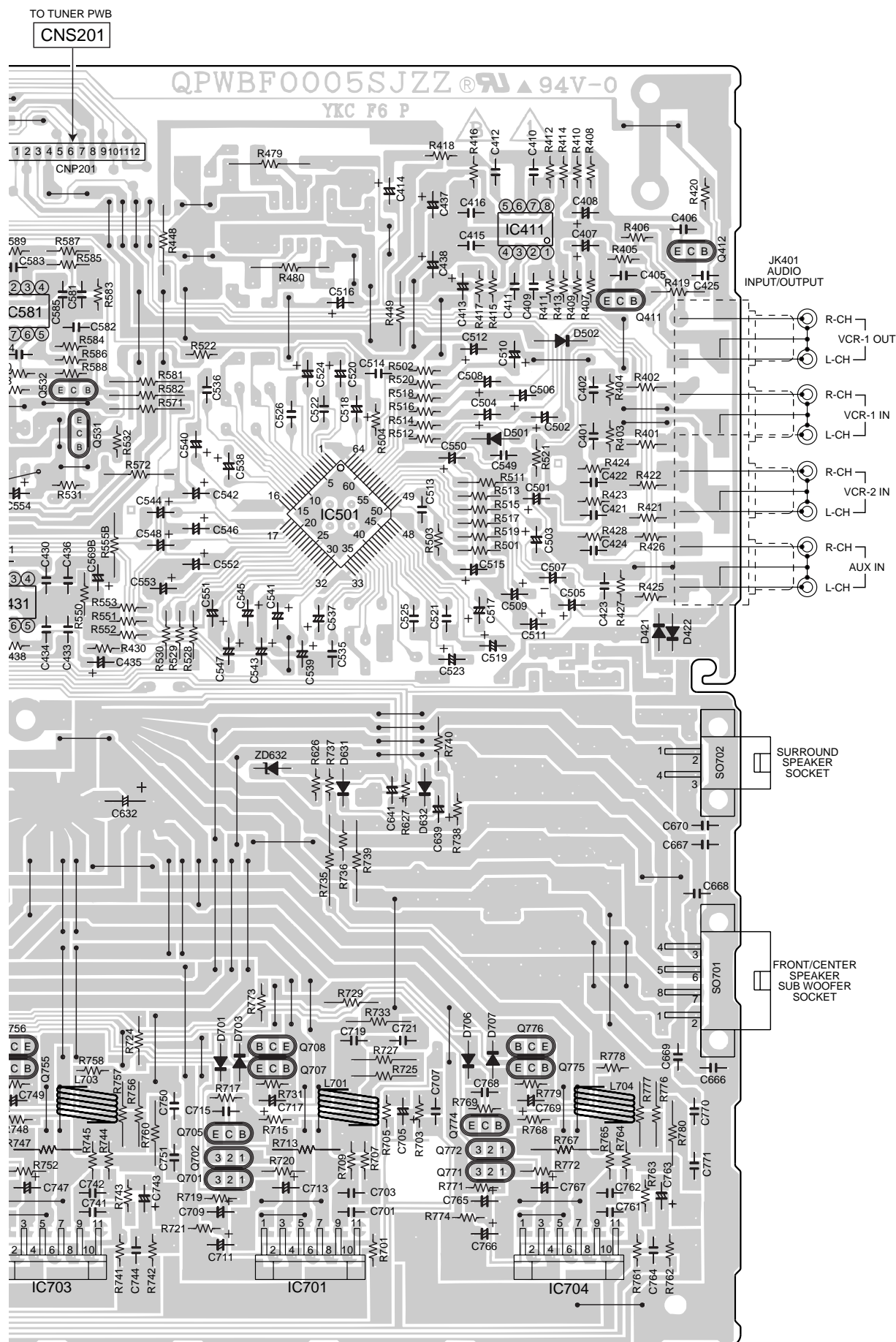


Figure 21 WIRING OF P.W.BOARD (3/5)

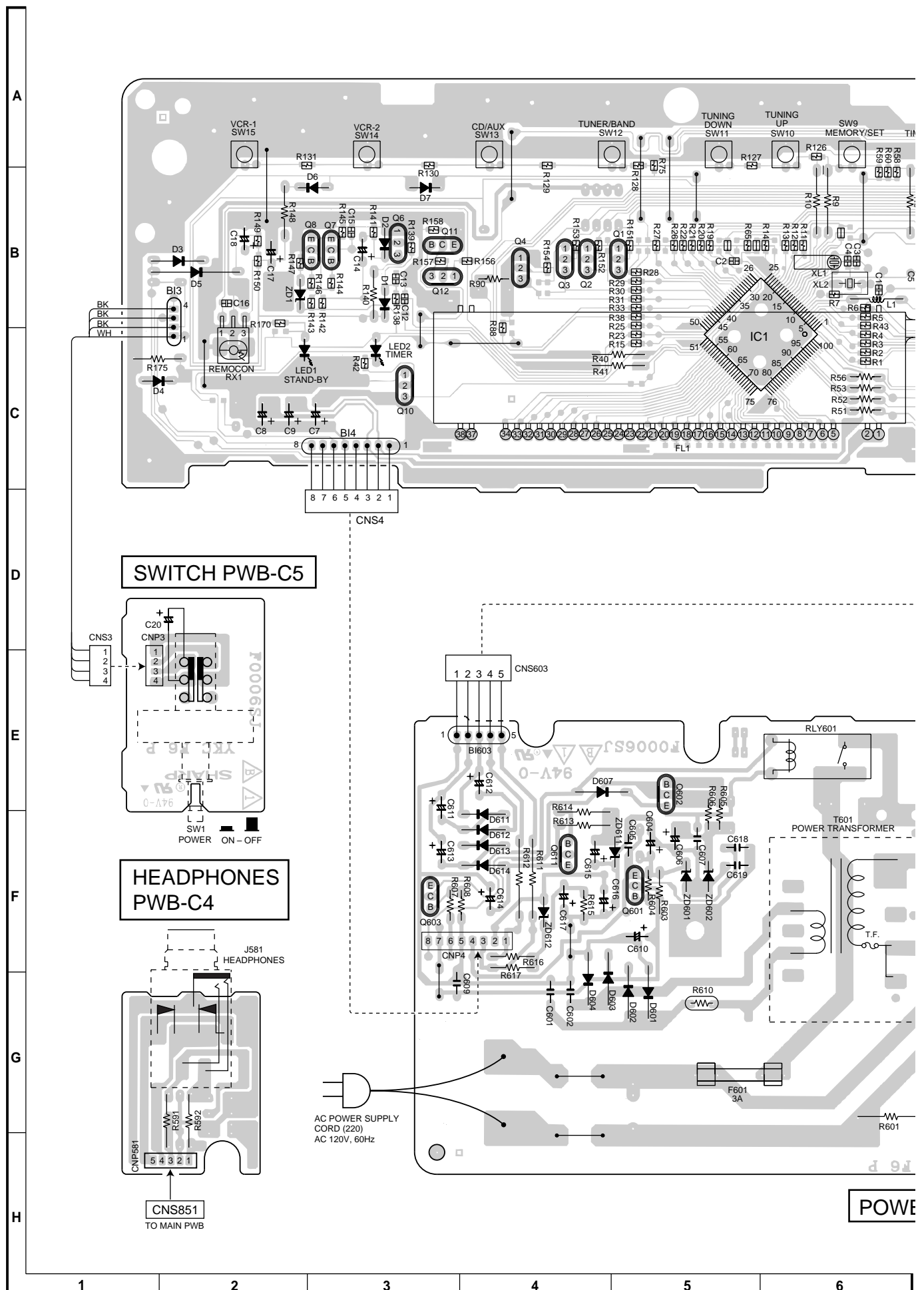
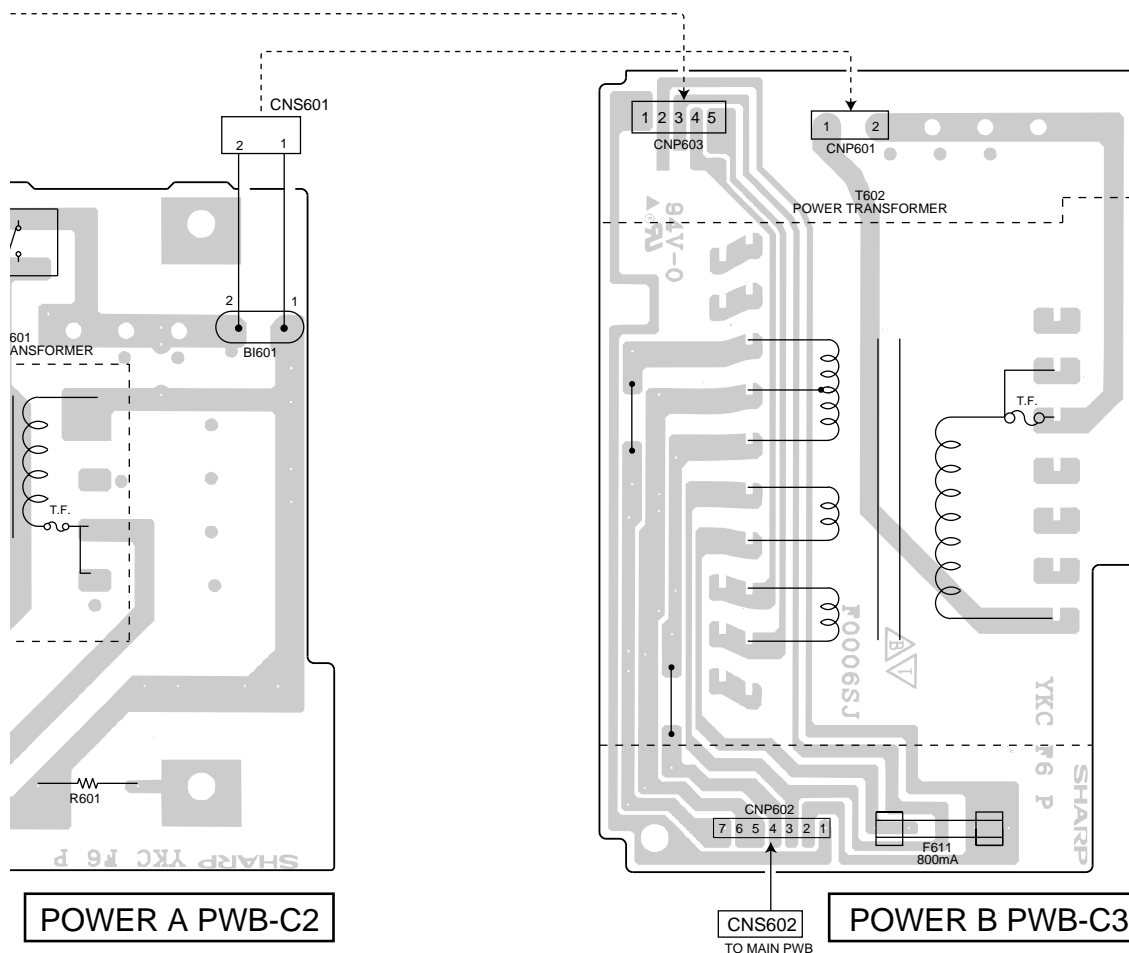
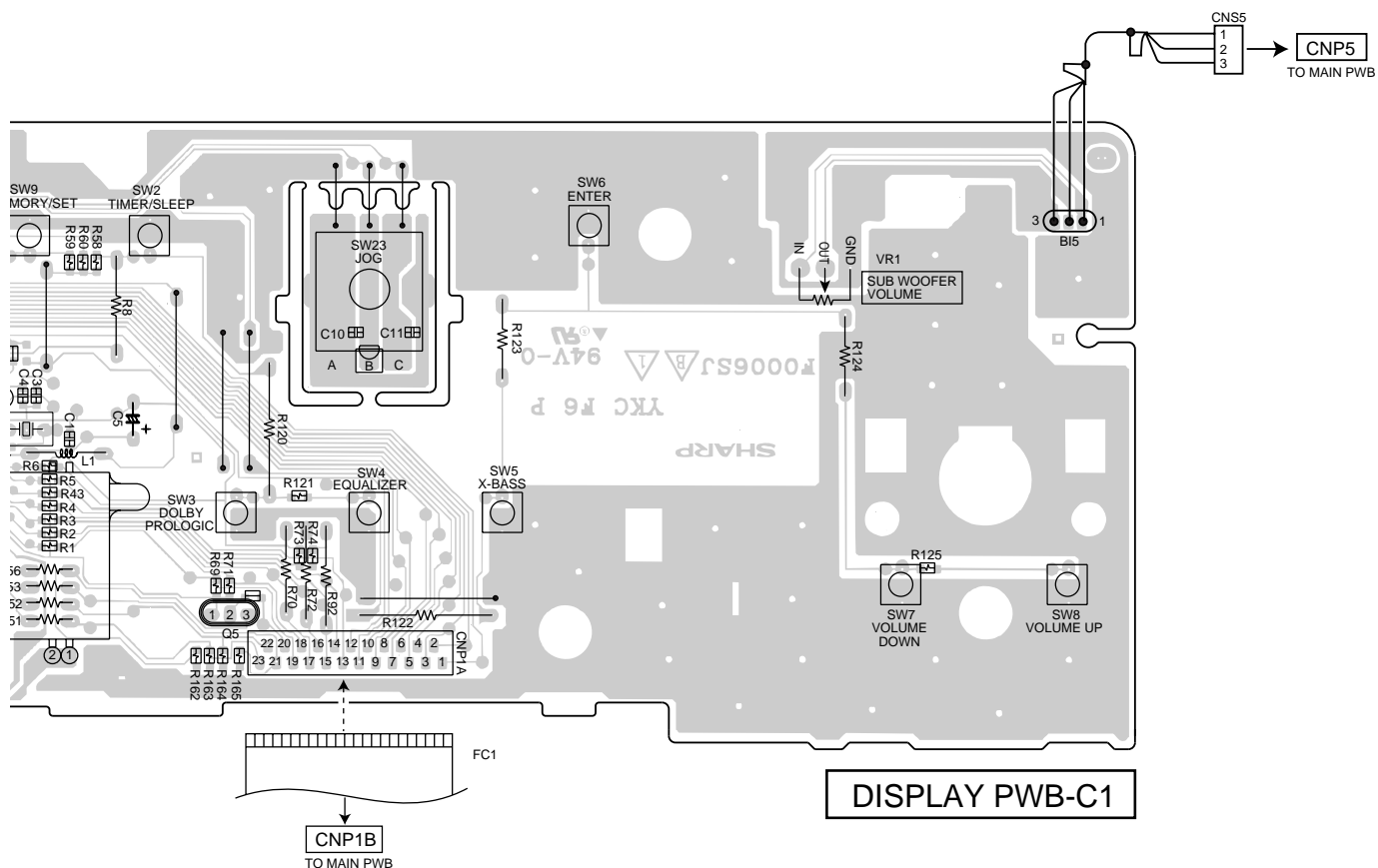


Figure 22 WIRING OF P.W.BOARD (4/5)



7	8	9	10	11	12
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Figure 23 WIRING OF P.W.BOARD (5/5)

FUNCTION TABLE OF IC

IC1 RH-iX0001SJZZ: System Microcomputer (IX0001SJ) (1/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	P00/TXD/SBO0	TUN_DI	Output	Data output terminal to the tuner PLL IC
2	P01/RXD/SBI0	TUN_DO	Input	Data input terminal from the tuner PLL IC
3	P02/STB0	TUNE_CK	Output	Clock output synchronized with the tuner PLL IC
4	P03/SBO1	TUN_CE	Output	Enable output for the tuner PLL IC "L" = OFF, "H" = ON
5	P04/SBI1	TUN_MUTE	Output	Tuner mute output terminal
6	P05/SBT1	TUN_SD	Input	Terminal for detecting the tuner broadcast reception mode "L" = During broadcast reception
7	P06/DK/BUZZER	TUN_ST	Input	Input for detecting whether or not the tuner is receiving stereo radio signals "H" = MONO, "L" = STEREO
8	VDD	VDD	—	Microcomputer power supply +5V
9	OSC2	OSC2	Output	External oscillator terminal for the main clock f = 8.00 MHz
10	OSC1	OSC1	Input	External oscillator terminal for the main clock f = 8.00 MHz
11	VSS	VSS	—	Microcomputer power supply GND
12	XI	XI	Input	External oscillator terminal for the sub clock f = 32.768 kHz
13	XO	XO	Output	External oscillator terminal for the sub clock f = 32.768 kHz
14	MMOD	MMOD	Input	Memory mode select terminal
15	VREF-	VREF-	—	A/D convertor power supply GND
16-18	PA0/AN0-PA2/AN2	KEY1-KEY3	Input	Operation key input MAX-10 key
19	PA3/AN3	AREA	Input	Destination detection input. Operates as an A/D input port Detects the destination setting on the DC voltage when resetting.
20	PA4/AN4	SP_LEVEL	Input	Main speaker output level detection, input
21	PA5/AN5	MODEL	Input	Model detection input. Detects the model on DC voltage when resetting.
22	PA6/AN6	POSISTOR	Input	Input for detecting an increase in the power amplifier temperature
23*	PA7/AN7	—	—	Not used
24	VREF+	VREF+	—	A/D convertor power supply +5V
25	P07	ALC	Input	Power output ALC function ON/OFF control terminal
26	P27/RST	RESET	Input	System reset, input
27*	P10/TM0IO	FS_STB	Output	Function select IC strobe signal
28*	P11/TM1IO	FS_DATA	Output	Function select IC control signal, output
29*	P12/TM2IO	FS_CK	Output	Synchronous clock output to the function select IC
30	P13/TM3IO	V_LATCH	Output	Latched data output to the electronic volume IC Model 2000: Electronic volume IC enable, output
31	P14/TM4IO	V_CK	Output	Synchronous clock for the electronic volume IC
32	P15	V_DATA	Output	Data output to the electronic volume IC
33	P20/IRQ0	POWER	Input	Main case primary power switch, input "H" = ON, "L" = OFF
34	P21/SEN/IRQ1	SYS_STOP	Input	Power failure detection, input. Changes to the STOP mode when "L".
35*	P22/IRQ2	AC3_SO	Input	ZR38600 serial data, input
36	P23/IRQ3	REMOCON	Input	Remote control signal, input
37	P24/IRQ4	JOG_UP	Input	Jog dial UP pulse, input
38	P25	JOG_DOWN	Input	Jog dial DOWN pulse, input
39	P30/SBO2	F_MUTE	Output	Front amplifier input, Mute output "H" = MUTE OFF, "L" = MUTE ON
40	P31/SBI2	R_MUTE	Output	Rear amplifier input, Mute output "H" = MUTE OFF, "L" = MUTE ON
41	P32/SBT2	C_MUTE	Output	Center amplifier input, Mute output "H" = MUTE OFF, "L" = MUTE ON
42	P50	SW_MUTE	Output	Woofer amplifier input, Mute output "H" = MUTE OFF, "L" = MUTE ON
43*	P51	FA_PLAY	Output	Front 'A' speakers' protective relay control, output "H" = RELAY CLOSE, "L" = RELAY OPEN
44	P52	POW_SW	Output	Primary-side AC power ON/OFF relay control, output "H" = ON, "L" = OFF
45*	P53	—	—	Not used
46*	P54	R_RELAY	Output	Rear speaker protective relay control, output "H" = RELAY CLOSE, "L" = RELAY OPEN
47*	P67/DGT17	C_RELAY	Output	Center speaker protective relay control, output "H" = RELAY CLOSE, "L" = RELAY OPEN

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC1 RH-iX0001SJZZ: System Microcomputer (IX0001SJ) (2/2)

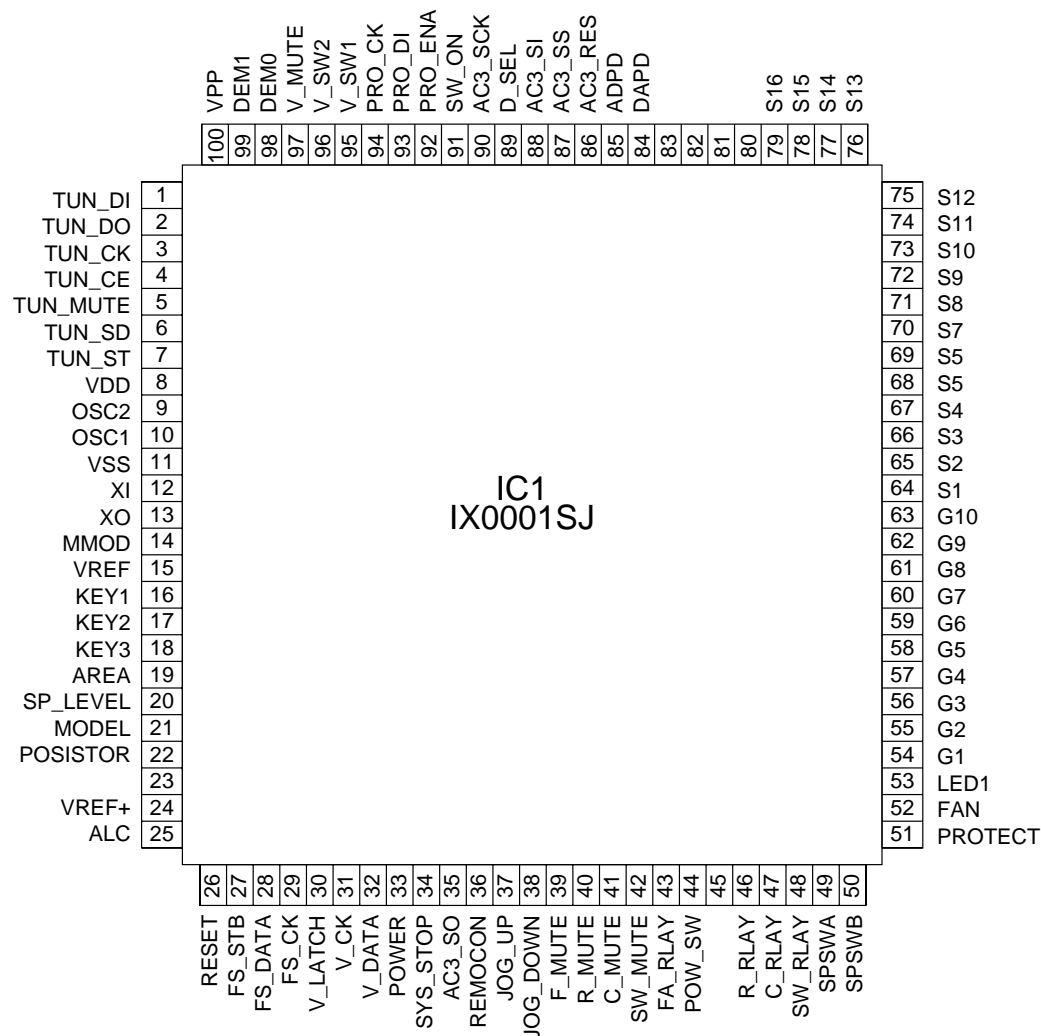
Pin No.	Port Name	Terminal Name	Input/Output	Function
48*	P66/DGT16	SW_RELAY	Output	Woofer speaker protective relay control, output "H" = RELAY CLOSE, "L" = RELAY OPEN
49	P65/DGT15	SPSWA	Input	Headphone plug insertion detection, input, and 'A' speakers' switch input
50*	P64/DGT14	SPSWB	Input	'B' speakers' switch input
51	P63/DGT13	PROTECT	Input	power amplifier protect mode, input
52	P62/DGT12	FAN	Output	Air-cooling fan control, output "L" = OFF, "H" = ON
53	P61/DGT11	LED1	Output	Timer stand-by ON LED control, output "L" = Timer OFF, "H" = Timer ON
54	P60/DGT9	G1	Output	VFD grid output
55	P41/DGT8	G2	Output	VFD grid output
56	P40/SEG0/DGT7	G3	Output	VFD grid output
57-63	P77/SEG1/DGT6- P71/SEG7/DGT0	G4-G10	Output	VFD grid output
64	P70/SEG8	S1	Output	VFD anode output
65-72	P87/SEG8- P80/SEG15	S2-S9	Output	VFD anode output
73-79	P97/SEG16 P91/SEG22	S10-S16	Output	VFD anode output
80*	P90/SEG23	N.C	—	Not used
81*-83*	PC2/SEG24- PC0/SEG26	N.C	—	Not used
84*	PB7/SEG27	DAPD	Output	D/A convertor ON/OFF control, output "L" = STANDBY, "H" = ON
85*	PB6/SEG28	AAPD	Output	A/D convertor ON/OFF control, output "L" = STANDBY, "H" = ON
86*	PB5/SEG29	AC3_RES	Output	ZR38600 reset, output
87*	PB4/SEG30	AC3_SS	Output	ZR38600 slave, output
88*	PB3/SEG31	AC3_SI	Output	ZR38600 serial data, output
89*	PB2/SEG32	D_SEL	Output	Digital function input select terminal "L" = Digital 2, "H" = Digital 1
90*	PB1/SEG33	AC3_SCK	Output	Synchronous clock output to the ZR38600
91*	PB0/SEG34	SW_ON	Output	Sub woofer ON/OFF, output
92	PD7/SEG35	PRO_ENA	Output	Pro Logic IC enable, output "L" = OFF, "H" = ON
93	PD6/SEG36	PRO_DI	Output	Data output to the Pro Logic IC
94	PD5/SEG37	PRO_CK	Output	Synchronous clock output to the Pro Logic IC
95*,96*	PD4/SEG38, PD3/SEG39	V_SW1, V_SW2	Output	Video input/output select switch control signal
97	PD2/SEG40	V_MUTE	Output	Video output mute signal
98*,99*	PD1/SEG41,	DEM0,DEM1	Output	D/A convertor de-emphasas filter control, output
100	VPP	VPP	—	Not used

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC501 VHiLC75396N-1: Audio Processor (LC75396N)

Pin No.	Terminal Name	Function
1-3	RF1C1-RF1C3	Terminal to connect capacitor of filter configuration for equalizer F1 band Connect the capacitor between LF1C1(RF1C1) and LF1C2(RF1C2) between LF1C2 (RF1C2) and LF1C3(RF1C3).
4-6	RF2C1-RF2C3	Terminal to connect capacitor of filter configuration for equalizer F2 band Connect the capacitor between LF2C1(RF2C1) and LF2C2(RF2C2) between LF2C2 (RF2C2) and LF2C3(RF2C3).
7*-9*	RF3C1-RF3C3	Terminal to connect capacitor of filter configuration for equalizer F3 band Connect the capacitor between LF3C1(RF3C1) and LF3C2(RF3C2) between LF3C2 (RF3C2) and LF3C3(RF3C3).
10*-12*	RF4C1-RF4C3	Terminal to connect capacitor of filter configuration for equalizer F4 band Connect the capacitor between LF4C1(RF4C1) and LF4C2(RF4C2) between LF4C2 (RF4C2) and LF4C3(RF4C3).
13	RF5	Terminal to connect capacitor of filter configuration for equalizer F5 band Terminal to connect the externally provided capacitor
14	RTOUT	Equalizer output terminal
15	RFIN	Input terminal of R-ch front side 4dB step control
16	RFCOM	Common terminal of R-ch front side 1dB step control
17	RFOUT	Output terminal of R-ch front side control
18	RRIN	Input terminal of R-ch rear side 4dB step control
19	RRCOM	Common terminal of R-ch rear side 1dB step control
20	RROUT	Output terminal of R-ch rear side control
21	RVREF	Internal analog ground terminal
22	VREF	Connect the capacitor of about several 10 uF between Vref and AVSS (VSS) so as to prevent power supply ripple in the VDD/2 voltage generating section.
23	CL	Terminal to input serial data and clock for control
24	DI	Terminal to input serial data and clock for control
25	CE	Chip enable terminal. Data is written in the internal latch with a timing of changing H to L, and the specific analog switch is actuated. Data transfer is enabled on the H level.
26	VSS	GND
27	LVREF	Internal analog ground terminal
28	LROUT	Output terminal of L-ch rear side control
29	LRCOM	Common terminal of L-ch rear side 1dB step control
30	LRIN	Input terminal of L-ch rear side 4dB step control
31	LFOUT	Output terminal of L-ch front side control
32	LFCOM	Common terminal of L-ch front side 1dB step control
33	LFIN	Input terminal of L-ch front side 4dB step control
34	LTOUT	Equalizer output terminal
35	LF5	Terminal to connect capacitor of filter configuration for equalizer F5 band Terminal to connect the externally provided capacitor
36*-38*	LF4C3-LF4C1	Terminal to connect capacitor of filter configuration for equalizer F4 band Connect the capacitor between LF4C1(RF4C1) and LF4C2(RF4C2) between LF4C2 (RF4C2) and LF4C3(RF4C3).
39*-41*	LF3C3-LF3C1	Terminal to connect capacitor of filter configuration for equalizer F3 band Connect the capacitor between LF3C1(RF3C1) and LF3C2(RF3C2) between LF3C2 (RF3C2) and LF3C3(RF3C3).
42-44	LF2C3-LF2C1	Terminal to connect capacitor of filter configuration for equalizer F2 band Connect the capacitor between LF2C1(RF2C1) and LF2C2(RF2C2) between LF2C2 (RF2C2) and LF2C3(RF2C3).
45-47	LF1C3-LF1C1	Terminal to connect capacitor of filter configuration for equalizer F1 band Connect the capacitor between LF1C1(RF1C1) and LF1C2(RF1C2) between LF1C2 (RF1C2) and LF1C3(RF1C3).
48	LTIN	Equalizer input terminal
49	LSELO	Input selector output terminal
50	LINVIN1	Operational amplifier reverse input terminal for input gain setting
51-55	L5-L1	Input signal terminal
56	VDD	Power terminal
57-61	R1-R5	Input signal terminal
62	RINVIN1	Operational amplifier reverse input terminal for input gain setting
63	RSELO	Input selector output terminal
64	RTIN	Equalizer input terminal

IC1 RH-iX0001SJZZ: System Microcomputer (IX0001SJ)



IC203 VHiLA1833/-1: FM/AM IF MPX. (LA1833)

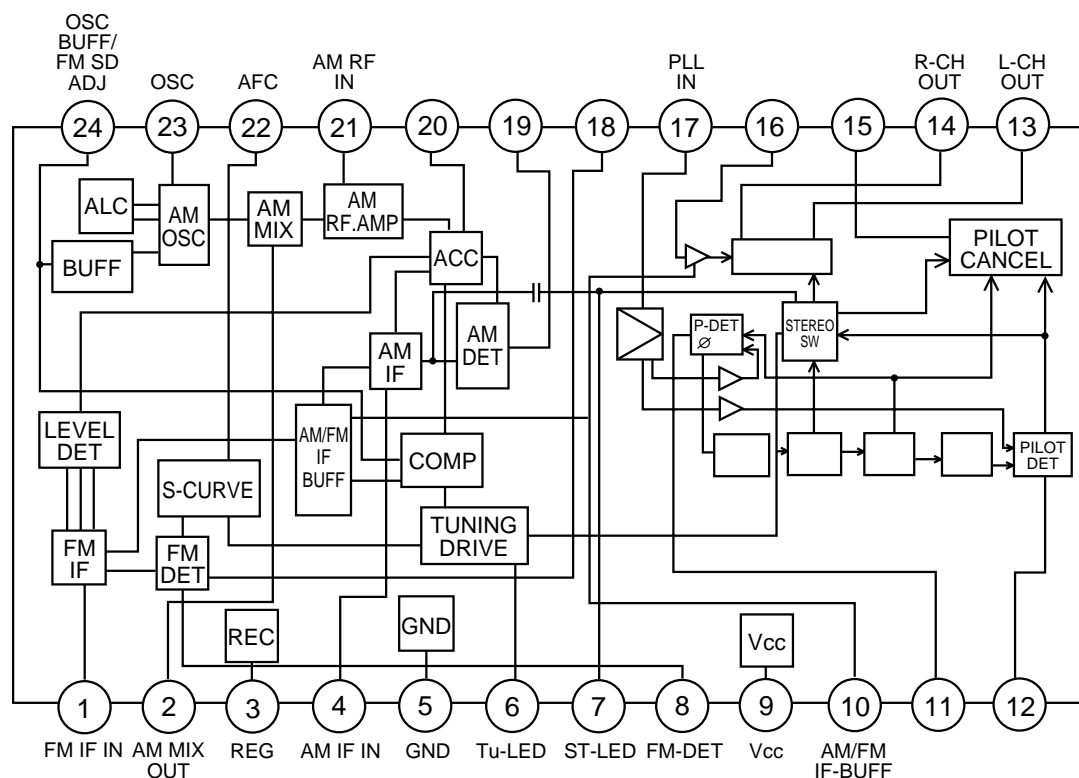


Figure 27 BLOCK DIAGRAM OF IC

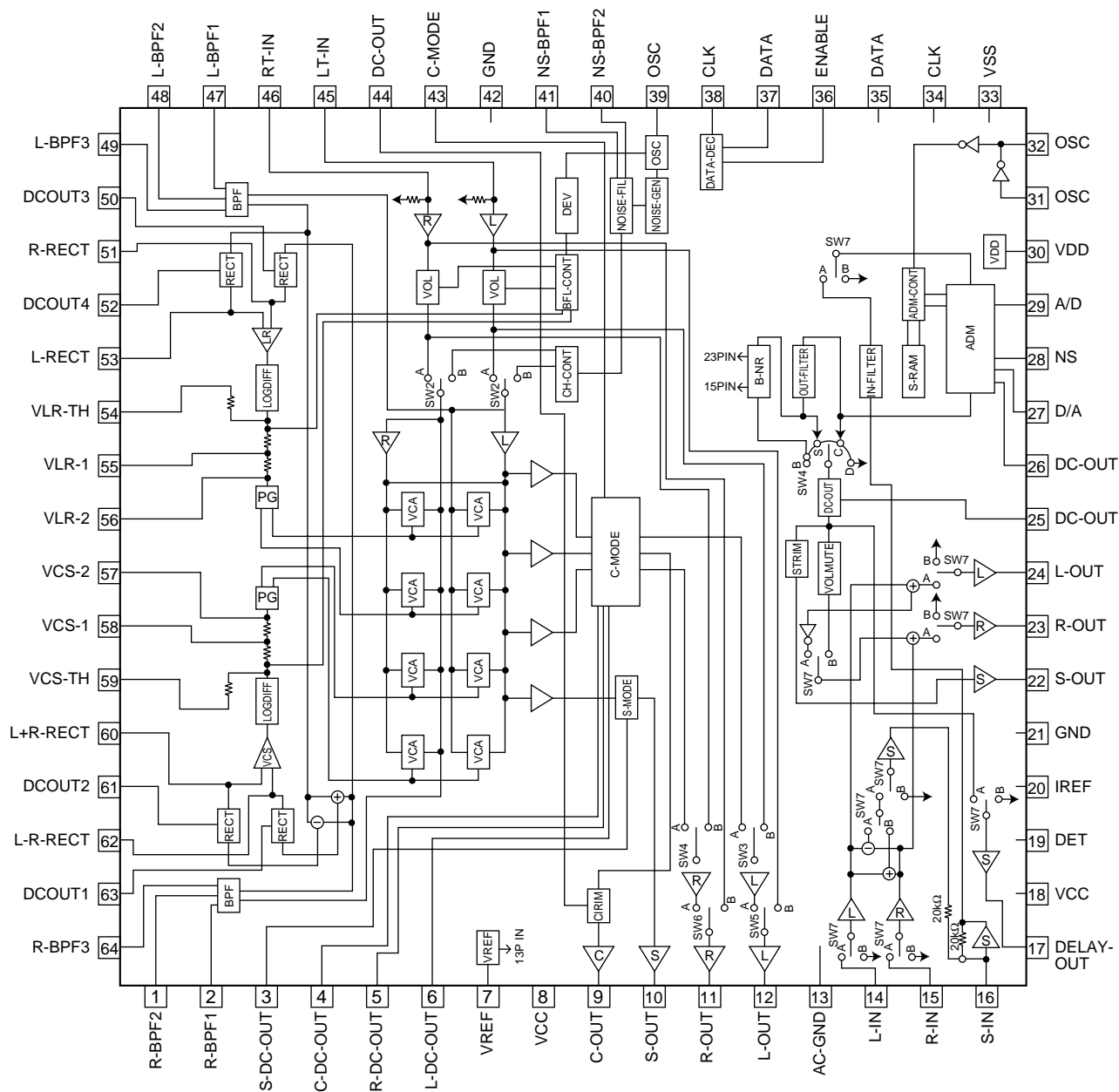
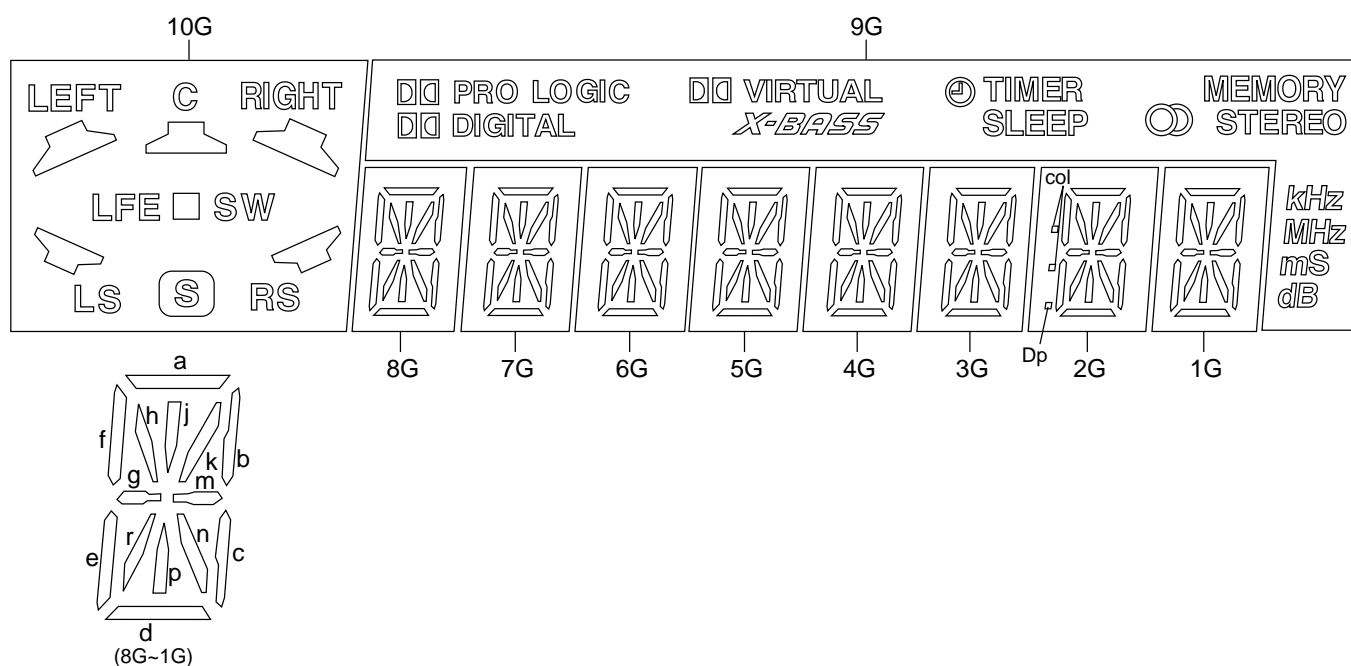


Figure 28 BLOCK DIAGRAM OF IC

FL701 VVKBT211GK/-1: FL SEGMENT



ANODE CONNECTION










	10G	9G	8G~3G	2G	1G		10G	9G	8G~3G	2G	1G
P1	RIGHT	DIGITAL	a	a	a	P9		STEREO	c	c	c
P2	C	PRO LOGIC	h	h	h	P10		MEMORY	e	e	e
P3	LEFT	X-BASS	j	j	j	P11	RS	kHz	r	r	r
P4		VIRTUAL	k	k	k	P12		MHz	p	p	p
P5		SLEEP	b	b	b	P13	LS	mS	n	n	n
P6			f	f	f	P14	—	dB	d	d	d
P7	 SW	TIMER	m	m	m	P15	—	—	—	Dp	—
P8	LFE		g	g	g	P16	—	—	—	col	—

Figure 29 FL SEGMENT

HT-DP2500

— M E M O —

SHARP PARTS GUIDE

MODEL HT-DP2500

“HOW TO ORDER REPLACEMENT PARTS”

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. No. |
| 3. PART NO. | 4. DESCRIPTION |

★ MARK: SPARE PARTS-DELIVERY SECTION

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor,
Please call Toll-Free;
1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

VCC Ceramic type
 VCK Ceramic type
 VCT Semiconductor type
 VC •• MF Cylindrical type (without lead wire)
 VC •• MN Cylindrical type (without lead wire)
 VC •• TV Square type (without lead wire)
 VC •• TQ Square type (without lead wire)
 VC •• CY Square type (without lead wire)
 VC •• CZ Square type (without lead wire)
 VC J .. The 13th character represents capacity difference.
 ("J" $\pm 5\%$, "K" $\pm 10\%$, "M" $\pm 20\%$, "N" $\pm 30\%$,
 "C" ± 0.25 pF, "D" ± 0.5 pF, "Z" $+80-20\%$.)


If there are no indications for the electrolytic capacitors, error is $\pm 20\%$.

Resistors

VRD Carbon-film type
 VRS Carbon-film type
 VRN Metal-film type
 VR •• MF Cylindrical type (without lead wire)
 VR •• MN Cylindrical type (without lead wire)
 VR •• TV Square type (without lead wire)
 VR •• TQ Square type (without lead wire)
 VR •• CY Square type (without lead wire)
 VR •• CZ Square type (without lead wire)
 VR J .. The 13th character represents error.
 ("J" $\pm 5\%$, "F" $\pm 1\%$, "D" $\pm 0.5\%$.)

If there are no indications for other parts, the resistors are $\pm 5\%$ carbon-film type.

NOTE:

Parts marked with “” are important for maintaining the safety of the set.

Be sure to replace parts with specified ones for maintaining the safety and performance of the set.

HT-DP2500

NO.	PART CODE	★ PRICE RANK	DESCRIPTION
HT-DP2500			
INTEGRATED CIRCUITS			
IC1	RH-IX0001SJZZ	J BE	System Microcomputer, IX0001SJ
IC201	VHITA7358AP-1	J AG	FM Front End,TA7358AP
IC202	VHILC72131/-1	J AP	PLL (Tuner),LC72131
IC203	VHILA1833/-1	J AV	FM/AM IF MPX.,LA1833
IC411	VHINJM4565D-1	J AC	Buffer,NJM4565D
IC431	VHINJM4558D-1	J AH	Buffer,NJM4558D
IC452	VHILV1035M/-1	J BC	Dolby Pro Logic Decoder, LV1035M
IC501	VHILC75396N-1	J AX	Audio Processor,LC75396N
IC561	VHINJM4558D-1	J AH	Buffer,NJM4558D
IC581	VHINJM4558D-1	J AH	Buffer,NJM4558D
IC701~705	VHILM2876/-1	J BA	Power Amp.,LM2876
TRANSISTORS			
Q1~5	VSKRA102M/-1	J AC	Digital,PNP,KRA102 M
Q6	VSKRC102M/-1	J AC	Digital,NPN,KRC102 M
Q7,8	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q10	VSKRC102M/-1	J AC	Digital,NPN,KRC102 M
Q11	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q12	VSKRC102M/-1	J AC	Digital,NPN,KRC102 M
Q201	VS2SC535-C/-1	J AC	Silicon,NPN,2SC535 C
Q202	VSKRC104M/-1	J AC	Digital,NPN,KRC104 M
Q203	VSKTA1266GR-1	J AB	Silicon,PNP,KTA1266 GR
Q281	VS2SC535-C/-1	J AC	Silicon,NPN,2SC535 C
Q411,412	VS2SC2878B/-1	J AC	Silicon,NPN,2SC2878 B
Q531,532	VS2SC2878B/-1	J AC	Silicon,NPN,2SC2878 B
Q601,602	VS2SD468-C/-1	J AD	Silicon,NPN,2SD468 C
Q603	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q611	VSKTA1266GR-1	J AB	Silicon,PNP,KTA1266 GR
Q621	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q622	VS2SD2012Y/-1	J AF	Silicon,NPN,2SD2012 Y
Q701	VSKRA107M/-1	J AE	Digital,PNP,KRA107 M
Q702	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
Q705~708	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q751	VSKRA107M/-1	J AE	Digital,PNP,KRA107 M
Q752	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
Q754~756	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q771	VSKRA107M/-1	J AE	Digital,PNP,KRA107 M
Q772	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
Q774~776	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q781	VSKRA107M/-1	J AE	Digital,PNP,KRA107 M
Q782	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
Q784~786	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
DIODES			
D1~7	VHD1N4148/-1	J AA	Silicon,1N4148
D201,202	VHD1N4148/-1	J AA	Silicon,1N4148
D205	VHD1N4148/-1	J AA	Silicon,1N4148
D421,422	VHD1N4148/-1	J AA	Silicon,1N4148
D451,452	VHD1N4004/-1	J AB	Silicon,1N4004
D501,502	VHD1N4148/-1	J AA	Silicon,1N4148
D601~604	VHD1N4004/-1	J AB	Silicon,1N4004
D607	VHD1N4004/-1	J AB	Silicon,1N4004
D611~614	VHD1N4004/-1	J AB	Silicon,1N4004
D621~624	VHD1N4004/-1	J AB	Silicon,1N4004
D625	VHD1N4148/-1	J AA	Silicon,1N4148
D630	VHDS4VB20/-1	J AG	Rectifier,S4VB20
D631,632	VHD1N4148/-1	J AA	Silicon,1N4148
D701~709	VHD1N4148/-1	J AA	Silicon,1N4148
LED1,2	VHPL1154HDB1F	J AH	LED,Red,L1154HDB
VD201	VHCKV1236Z23F	J AS	Variable Capacitance, KV1236Z23F
VD202,203	VHCKDV147C/-1	J AH	Variable Capacitance,KDV147C
ZD1	VHEMTZJ3R9B-1	J AC	Zener,3.9V,MTZJ3.9B
ZD201	VHEMTZJ5R1B-1	J AC	Zener,5.1V,MTZJ5.1B
ZD601	VHEMTZJ6R8A-1	J AA	Zener,6.8V,MTZJ6.8A
ZD602	VHEMTZJ5R6B-1	J AD	Zener,5.6V,MTZJ5.6B
ZD611	VHEMTZJ330C-1	J AB	Zener,33V,MTZJ33C
ZD612	VHEMTZJ6R8C-1	J AA	Zener,6.8V,MTZJ6.8C
ZD621	VHEMTZJ120B-1	J AC	Zener,12V,MTZJ12B
ZD630	VHEMTZJ110A-1	J AA	Zener,11V,MTZJ11A
ZD632	VHEMTZJ5R1A-1	J AB	Zener,5.1V,MTZJ5.1A

FILTERS

BF201	RFILR0008AWZZ	J AE	Band Pass Filter
CF201	RFILF0072AFZZ	J AG	FM IF
CF202	RFILF0002SJZZ	J AH	FM IF
CF203	RFILA0009AWZZ	J AE	AM IF

TRANSFORMERS

T201	RCILA0007SJZZ	J AG	AM Antenna
T202	RCILI0005SJZZ	J AF	FM IF
T203	RCILB0009SJZZ	J AG	AM OSC.
T204	RCILI0004SJZZ	J AF	AM IF
△ T601	RTRNP0006SJZZ	J AY	Power
△ T602	RTRNP0004SJZZ	J BR	Power

COILS

L1	VP-DH101K0000	J AB	100 μH,Choke
L201	RCILR0003SJZZ	J AD	FM RF
L202	RCILB0010SJZZ	J AG	FM OSC.
L203,204	VP-DH101K0000	J AB	100 μH,Choke
L205	VP-DH102K0000	J AB	1 mH,Choke
L701~705	RCILZ0001SJZZ	J AD	0.3 mH,Coil

VARIABLE RESISTORS

VR1	RVR-B0002SJZZ	J AK	,Semi-VR [Sub-Woofer Volume]
VR201	RVR-M0999AFZZ	J AB	10 kohm (B),Semi-VR [FM Mute Level]

VIBRATORS

X202	RCRSP0002AWZZ	J AH	Crystal,4.5 MHz
X451	RCRM-0029AWZZ	J AE	Ceramic,8 MHz
XL1	RCRSP0051AF01	J AK	Crystal,32.768 kHz
XL2	RCRM-0029AWZZ	J AE	Ceramic,8 MHz

CAPACITORS

C1,2	VCKYTV1EF223Z	J AA	0.022 μF,25V
C3,4	VCCCTV1HH220J	J AA	22 pF (CH),50V
C5	RC-GZA108AF0J	J AC	1000 μF,6.3V,Electrolytic
C7~9	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
C10,11	VCKYTV1HB102K	J AA	0.001 μF,50V
C12,13	VCKYTV1EB103K	J AA	0.01 μF,25V
C14	RC-GZA335AF1H	J AB	3.3 μF,50V,Electrolytic
C15	VCKYTV1EB103K	J AA	0.01 μF,25V
C16	VCKYTV1HB102K	J AA	0.001 μF,50V
C17	RC-GZA227AF0J	J AB	220 μF,6.3V,Electrolytic
C18	RC-GZA107AF0J	J AB	100 μF,6.3V,Electrolytic
C20	RC-GZA474AF1H	J AA	0.47 μF,50V,Electrolytic
C201	VCKYTV1HB102K	J AA	0.001 μF,50V
C202	VCKYTV1HB103K	J AA	0.01 μF,50V
C203	VCKYTV1HB472K	J AA	0.0047 μF,50V
C204	VCCUTV1HJ7R0D	J AA	7 pF (UJ),50V
C205	VCKYTV1HB472K	J AA	0.0047 μF,50V
C206	VCKYTV1EF223Z	J AA	0.022 μF,25V
C207	VCKYPA1HB102K	J AA	0.001 μF,50V
C208	VCKYTV1HB102K	J AA	0.001 μF,50V
C209	VCCCPA1HH150J	J AA	15 pF (CH),50V
C210	VCCSTV1HL330J	J AA	33 pF,50V
C212	VCCCTV1HH220J	J AA	22 pF (CH),50V
C213	VCKYPA1HB101K	J AA	100 pF,50V
C214	RC-GZA106AF1C	J AB	10 μF,16V,Electrolytic
C215	VCKYPA1HF223Z	J AB	0.022 μF,50V
C216	VCCCTV1HH4R7C	J AA	4.7 pF (CH),50V
C217	VCCCTV1HH180J	J AA	18 pF (CH),50V
C218	VCCUPA1HJ8R0D	J AA	8 pF (UJ),50V
C219	VCKYPA1HF473Z	J AB	0.047 μF,50V
C220	VCKYPA1HF223Z	J AB	0.022 μF,50V
C221	VCCUPA1HJ180J	J AA	18 pF (UJ),50V
C222	VCCCPA1HH180J	J AA	18 pF (CH),50V
C223	VCKYPA1HB471K	J AA	470 pF,50V
C224	VCKYPA1HF223Z	J AB	0.022 μF,50V
C225	VCKYTV1EF223Z	J AA	0.022 μF,25V
C226	VCCSPA1HL330J	J AA	33 pF,50V
C227	VCKYPA1HF223Z	J AB	0.022 μF,50V
C228	VCKYTV1EF104Z	J AA	0.1 μF,25V
C229,230	VCKYTV1EF223Z	J AA	0.022 μF,25V
C231	VCCSPA1HL220J	J AA	22 pF,50V
C232	VCKYPA1HB102K	J AA	0.001 μF,50V

NO.	PART CODE	★ PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
C233	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic	C487	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
C234	RC-GZA224AF1H	J AA	0.22 μF,50V,Electrolytic	C488	RC-GZA154AF1H	J AA	0.15 μF,50V,Electrolytic
C235	VCKYTV1EF223Z	J AA	0.022 μF,25V	C489	RC-GZA335AF1H	J AB	3.3 μF,50V,Electrolytic
C236	VCKYPA1HF223Z	J AB	0.022 μF,50V	C490,491	RC-GZA154AF1H	J AA	0.15 μF,50V,Electrolytic
C237	RC-GZA335AF1H	J AB	3.3 μF,50V,Electrolytic	C492	RC-GZA335AF1H	J AB	3.3 μF,50V,Electrolytic
C238	VCKYTV1EF223Z	J AA	0.022 μF,25V	C493	RC-GZA154AF1H	J AA	0.15 μF,50V,Electrolytic
C239	RC-GZA106AF1C	J AB	10 μF,16V,Electrolytic	C494	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
C240	VCKYTV1HB104K	J AA	0.1 μF,25V	C495	RC-GZA474AF1H	J AA	0.47 μF,50V,Electrolytic
C241	VCKYTV1HB681K	J AA	680 pF,50V	C496	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
C242	RC-GZA106AF1C	J AB	10 μF,16V,Electrolytic	C497	RC-GZA474AF1H	J AA	0.47 μF,50V,Electrolytic
C243	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic	C501~510	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
C244	VCCSPA1HL560J	J AA	56 pF,50V	C511,512	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic
C245	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic	C513,514	VCKYPA1HB101K	J AA	100 pF,50V
C246	VCKYPA1HB392K	J AA	4.7 μF,50V,Electrolytic	C515~518	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
C247	VCTYPA1CX104K	J AB	0.1 μF,16V	C519,520	RC-GZA474AF1H	J AA	0.47 μF,50V,Electrolytic
C248	VCTYPA1EX472K	J AA	0.0047 μF,25V	C521,522	VCQYKA1HM473J	J AB	0.047 μF,50V,Mylar
C249	RC-GZA106AF1C	J AB	10 μF,16V,Electrolytic	C523,524	RC-GZA154AF1H	J AA	0.15 μF,50V,Electrolytic
C251,252	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic	C525,526	VCQYKA1HM393J	J AB	0.039 μF,50V,Mylar
C253,254	VCTYPA1EX183K	J AA	0.018 μF,25V	C535,536	VCQYKA1HM332J	J AB	0.0033 μF,50V,Mylar
C255	VCKYPA1HF223Z	J AB	0.022 μF,50V	C537,538	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
C260	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic	C539,540	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic
C261	VCCCTV1HH120J	J AA	12 pF (CH),50V	C541,542	RC-GZA225AF1H	J AB	2.2 μF,50V,Electrolytic
C262	VCCCTV1HH150J	J AA	15 pF (CH),50V	C543,544	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
C263	VCKYPA1HF223Z	J AB	0.022 μF,50V	C545,546	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic
C264	VCKYPA1HB102K	J AA	0.001 μF,50V	C547,548	RC-GZA225AF1H	J AB	2.2 μF,50V,Electrolytic
C265	VCKYTV1HB103K	J AA	0.01 μF,50V	C549	VCKYPA1HF223Z	J AB	0.022 μF,50V
C266	VCKYTV1HB331K	J AA	330 pF,50V	C550	RC-GZA337AF1C	J AC	330 μF,16V,Electrolytic
C267	VCKYTV1EF223Z	J AA	0.022 μF,25V	C551~553	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic
C268	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic	C554	RC-GZA337AF1C	J AC	330 μF,16V,Electrolytic
C269	VCKYTV1HB102K	J AA	0.001 μF,50V	C561,562	VCKYPA1HB221K	J AA	220 pF,50V
C270	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic	C563,564	VCCSPA1HL470J	J AA	47 pF,50V
C271	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic	C565,566	VCKYPA1HF223Z	J AB	0.022 μF,50V
C272	VCKYPA1HF223Z	J AB	0.022 μF,50V	C567,568	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
C273	RC-GZA107AF1A	J AB	100 μF,10V,Electrolytic	C569,570	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic
C274	VCKYPA1HF223Z	J AB	0.022 μF,50V	C569B,C	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic
C275	RC-GZA107AF1A	J AB	100 μF,10V,Electrolytic	C570B,C	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic
C276	VCKYPA1HF223Z	J AB	0.022 μF,50V	C577,578	RC-GZA225AF1H	J AB	2.2 μF,50V,Electrolytic
C281	VCKYTV1EF223Z	J AA	0.022 μF,25V	C581,582	VCKYPA1HB221K	J AA	220 pF,50V
C282	VCKYTV1EF103Z	J AA	0.01 μF,25V	C583,584	VCCSPA1HL470J	J AA	47 pF,50V
C285	VCKYPA1HF103Z	J AB	0.01 μF,16V	C585,586	VCKYPA1HF223Z	J AB	0.022 μF,50V
C286	VCCSTV1HL180J	J AA	18 pF,50V	C587,588	RC-GZA106AF1C	J AB	10 μF,16V,Electrolytic
C401,402	VCKYPA1HB391K	J AA	390 pF,50V	C601,602	VCIFYDA1HA473J	J AB	0.047 μF,50V,Thin Film
C405,406	VCKYPA1HB331K	J AA	330 pF,50V	C604	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic
C407,408	RC-GZA225AF1H	J AB	2.2 μF,50V,Electrolytic	C605	VCKYPA1HF223Z	J AB	0.022 μF,50V
C409~412	VCCSPA1HL470J	J AA	47 pF,50V	C606	RC-GZA476AF1E	J AB	47 μF,25V,Electrolytic
C413,414	RC-GZA225AF1H	J AB	2.2 μF,50V,Electrolytic	C607	VCKYPA1HF223Z	J AB	0.022 μF,50V
C415,416	VCKYPA1HF223Z	J AB	0.022 μF,50V	C609	VCKYPA1HF473Z	J AB	0.047 μF,50V
C421~424	VCKYPA1HB391K	J AA	390 pF,50V	C610	RC-GZV228AF1C	J AG	2200 μF,16V,Electrolytic
C425	VCKYPA1HF223Z	J AB	0.022 μF,50V	C611,612	RC-GZA107AF1H	J AC	100 μF,50V,Electrolytic
C427	VCKYPA1HB331K	J AA	330 pF,50V	C613	RC-GZA476AF1J	J AC	47 μF,63V,Electrolytic
C428	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic	C614	RC-GZV227AF1J	J AD	220 μF,63V,Electrolytic
C429	VCTYPA1CX563K	J AB	0.056 μF,16V	C615,616	RC-GZA476AF1H	J AB	47 μF,50V,Electrolytic
C430	VCCSPA1HL470J	J AA	47 pF,50V	C617	RC-GZA107AF1V	J AB	100 μF,35V,Electrolytic
C431	VCKYPA1HB682K	J AB	0.0068 μF,50V	C618,619	VCKYPA1HF473Z	J AB	0.047 μF,50V
C432	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic	C620,621	VCIFYDA1HA104J	J AB	0.1 μF,50V,Thin Film
C433	VCKYPA1HF223Z	J AB	0.022 μF,50V	C622	RC-GZW228AF1E	J AE	2200 μF,25V,Electrolytic
C434	VCCSPA1HL470J	J AA	47 pF,50V	C623	RC-GZA227AF1E	J AB	220 μF,25V,Electrolytic
C435	RC-GZA225AF1H	J AB	2.2 μF,50V,Electrolytic	C624	RC-GZA476AF1E	J AB	47 μF,25V,Electrolytic
C436	VCKYPA1HF223Z	J AB	0.022 μF,50V	C630,631	VCIFYDA1HA104J	J AB	0.1 μF,50V,Thin Film
C437,438	RC-GZA476AF1C	J AB	47 μF,16V,Electrolytic	C632,633	RC-GZW478AF1H	J AH	4700 μF,50V,Electrolytic
C453~456	VCTYPA1CX104K	J AB	0.1 μF,16V	C634	RC-GZA227AF1E	J AB	220 μF,25V,Electrolytic
C457~460	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic	C635	VCKYPA1HF223Z	J AB	0.022 μF,50V
C461,462	RC-GZA227AF1C	J AB	220 μF,16V,Electrolytic	C639	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic
C463,464	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic	C641	RC-GZA476AF1H	J AB	47 μF,50V,Electrolytic
C465	RC-GZA227AF1C	J AB	220 μF,16V,Electrolytic	C666~670	VCKYPA1HF103Z	J AB	0.01 μF,16V
C466	RC-GZA227AF1C	J AB	220 μF,16V,Electrolytic	C701,702	VCKYPA1HB221K	J AA	220 pF,50V
C467	RC-GZA225AF1H	J AB	2.2 μF,50V,Electrolytic	C703,704	VCCSPA1HL330J	J AA	33 pF,50V
C468~470	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic	C705,706	RC-GZA107AF1V	J AB	100 μF,35V,Electrolytic
C471	RC-GZA334AF1H	J AA	0.33 μF,50V,Electrolytic	C707,708	VCKYPA1HB331K	J AA	330 pF,50V
C472	RC-GZA474AF1H	J AA	0.47 μF,50V,Electrolytic	C709	RC-GZV107AF1V	J	100 μF,35V,Electrolytic
C473	VCQYKA1HM823J	J AC	0.082 μF,50V,Mylar	C711~714	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic
C474	VCKYPA1HB332K	J AA	0.0033 μF,50V	C715,716	VCQYKA1HM223J	J AB	0.022 μF,50V,Mylar
C475	VCQYKA1HM823J	J AC	0.082 μF,50V,Mylar	C717	RC-GZA476AF1H	J AB	47 μF,50V,Electrolytic
C476	RC-GZA227AF1C	J AB	220 μF,16V,Electrolytic	C719~722	VCQYKA1HM104K	J AB	0.1 μF,50V,Mylar
C477	VCKYPA1HB681K	J AA	680 pF,50V	C741	VCKYPA1HB221K	J AA	220 pF,50V
C478	VCTYPA1EX473K	J AA	0.047 μF,25V	C742	VCCSPA1HL330J	J AA	33 pF,50V
C479	VCKYPA1HF223Z	J AB	0.022 μF,50V	C743	RC-GZA107AF1V	J AB	100 μF,35V,Electrolytic
C480	RC-GZA474AF1H	J AA	0.47 μF,50V,Electrolytic	C744	VCKYPA1HB331K	J AA	330 pF,50V
C483	RC-GZA476AF1H	J AB	47 μF,50V,Electrolytic	C745	RC-GZV476AF1H	J	47 μF,50V,Electrolytic
C484	RC-GZA474AF1H	J AA	0.47 μF,50V,Electrolytic	C746,747	RC-GZA106AF1H	J AB	10 μF,50V,Electrolytic
C485	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic	C748	VCQYKA1HM223J	J AB	0.022 μF,50V,Mylar
C486	RC-GZA474AF1H	J AA	0.47 μF,50V,Electrolytic	C749	RC-GZA476AF1H	J AB	47 μF,50V,Electrolytic

HT-DP2500

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
C750,751	VCQYKA1HM104K	J	AB	0.1 μF,50V,Mylar
C761	VCKYPA1HB221K	J	AA	220 pF,50V
C762	VCCSPA1HL330J	J	AA	33 pF,50V
C763	RC-GZA107AF1V	J	AB	100 μF,35V,Electrolytic
C764	VCKYPA1HB331K	J	AA	330 pF,50V
C765	RC-GZA226AF1H	J	AB	22 μF,50V,Electrolytic
C766,767	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C768	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
C769	RC-GZA476AF1H	J	AB	47 μF,50V,Electrolytic
C770,771	VCQYKA1HM104K	J	AB	0.1 μF,50V,Mylar
C781	VCKYPA1HB221K	J	AA	220 pF,50V
C782	VCCSPA1HL330J	J	AA	33 pF,50V
C783	RC-GZA107AF1V	J	AB	100 μF,35V,Electrolytic
C784	VCKYPA1HB331K	J	AA	330 pF,50V
C785	RC-GZA226AF1H	J	AB	22 μF,50V,Electrolytic
C786,787	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C788	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
C789	RC-GZA476AF1H	J	AB	47 μF,50V,Electrolytic
C790,791	VCQYKA1HM104K	J	AB	0.1 μF,50V,Mylar

RESISTORS

J202	VRS-TV2AB000J	J	AA	0 ohm,Jumper,1.25×2mm,Green
R1-7	VRS-TV2AB153J	J	AA	15 kohms,1/10W
R8-10	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R11-15	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R19-23	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R25-31	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R33	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R38	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R40,41	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R42,43	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R51-53	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R56	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R58-60	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R65	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R69	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R70	VRD-ST2EE473J	J	AA	47 kohms,1/4W
R71	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R72	VRD-ST2EE473J	J	AA	47 kohms,1/4W
R73,74	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R75	VRS-TV2AB104J	J	AA	100 kohm,1/10W
R88	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R90	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R92	VRD-ST2EE473J	J	AA	47 kohms,1/4W
R120	VRD-ST2EE182J	J	AA	1.8 kohms,1/4W
R121	VRS-TV2AB182J	J	AA	1.8 kohms,1/10W
R122	VRD-ST2EE272J	J	AA	2.7 kohms,1/4W
R123	VRD-ST2EE392J	J	AA	3.9 kohms,1/4W
R124	VRD-ST2EE562J	J	AA	5.6 kohms,1/4W
R125	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R126,127	VRS-TV2AB182J	J	AA	1.8 kohms,1/10W
R128	VRS-TV2AB272J	J	AA	2.7 kohms,1/10W
R129	VRS-TV2AB392J	J	AA	3.9 kohms,1/10W
R130	VRS-TV2AB562J	J	AA	5.6 kohms,1/10W
R131	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R138,139	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R140	VRD-ST2EE332J	J	AA	3.3 kohms,1/4W
R141	VRS-TV2AB104J	J	AA	100 kohm,1/10W
R142	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R143,144	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R145	VRS-TV2AB820J	J	AA	82 ohms,1/10W
R146	VRS-TV2AB101J	J	AA	100 ohm,1/10W
R147	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R148	VRD-ST2EE470J	J	AA	47 ohms,1/4W
R149	VRS-TV2AB151J	J	AA	150 ohms,1/10W
R150	VRS-TV2AB222J	J	AA	2.2 kohms,1/10W
R151-154	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R156	VRS-TV2AB472J	J	AA	4.7 kohms,1/10W
R157	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R158	VRS-TV2AB223J	J	AA	22 kohms,1/10W
R162	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R163-165	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R170	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R175	VRD-ST2EE562J	J	AA	5.6 kohms,1/4W
R201	VRD-ST2CD220J	J	AA	22 ohms,1/6W
R202	VRS-TV2AB104J	J	AA	100 kohm,1/10W
R203	VRS-TV2AB333J	J	AA	33 kohms,1/10W
R204	VRD-ST2EE473J	J	AA	47 kohms,1/4W
R205	VRD-ST2EE681J	J	AA	680 ohms,1/4W
R206	VRS-TV2AB100J	J	AA	10 ohm,1/10W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R207	VRD-ST2EE470J	J	AA	47 ohms,1/4W
R208	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R209	VRD-ST2EE471J	J	AA	470 ohms,1/4W
R210	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R211	VRD-ST2EE104J	J	AA	100 kohm,1/4W
R212	VRD-ST2EE330J	J	AA	33 ohms,1/4W
R213	VRD-ST2EE220J	J	AA	22 ohms,1/4W
R214	VRD-ST2CD683J	J	AA	68 kohms,1/6W
R215	VRD-ST2EE104J	J	AA	100 kohm,1/4W
R216	VRD-ST2EE472J	J	AA	4.7 kohms,1/4W
R217	VRS-TV2AB223J	J	AA	22 kohms,1/10W
R218	VRS-TV2AB562J	J	AA	5.6 kohms,1/10W
R219	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R220	VRS-TV2AB271J	J	AA	270 ohms,1/10W
R221	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W
R222	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R223	VRD-ST2EE474J	J	AA	470 kohms,1/4W
R224	VRD-ST2CD822J	J	AA	8.2 kohms,1/6W
R225	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
R226	VRD-ST2EE472J	J	AA	4.7 kohms,1/4W
R227	VRD-ST2EE392J	J	AA	3.9 kohms,1/4W
R228	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
R229,230	VRD-ST2EE272J	J	AA	2.7 kohms,1/4W
R231	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R232-235	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R236	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R237	VRD-ST2EE562J	J	AA	5.6 kohms,1/4W
R238	VRS-TV2AB222J	J	AA	2.2 kohms,1/10W
R239	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R240	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R241	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R242,243	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R244	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R245	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R246,247	VRD-ST2EE271J	J	AA	270 ohms,1/4W
R248	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R249	VRD-ST2EE473J	J	AA	47 kohms,1/4W
R250	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R251	VRS-TV2AB223J	J	AA	22 kohms,1/10W
R253	VRD-ST2CD683J	J	AA	68 kohms,1/6W
R281	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R282	VRD-ST2CD471J	J	AA	470 ohms,1/6W
R283	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R285	VRD-ST2CD330J	J	AA	33 ohms,1/6W
R299	VRS-TV2AB470J	J	AA	47 ohms,1/10W
R401,402	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R403,404	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R405,406	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R407,408	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R409,410	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R411,412	VRD-ST2CD183J	J	AA	18 kohms,1/6W
R413,414	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R415,416	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R417,418	VRD-ST2CD822J	J	AA	8.2 kohms,1/6W
R419,420	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R421,422	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R423,424	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R425,426	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R427,428	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R430	VRD-ST2CD563J	J	AA	56 kohms,1/6W
R432	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R433	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R434	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R435,436	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R437	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R438	VRD-ST2CD154J	J	AA	150 kohms,1/6W
R440	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R448,449	VRD-ST2EE221J	J	AA	220 ohms,1/4W
R459-462	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R463	VRD-ST2CD183J	J	AA	18 kohms,1/6W
R464	VRD-ST2CD393J	J	AA	39 kohms,1/6W
R465	VRD-ST2CD105J	J	AA	1 Mohm,1/6W
R469-472	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R474-476	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R479,480	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R501,502	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
R503,504	VRD-ST2CD273J	J	AA	27 kohms,1/6W
R511-522	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R528-530	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R531	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R532	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R533	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W

NO.	PART CODE	★ PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
R550	VRD-ST2CD153J	J AA	15 kohms,1/6W	R773	VRD-ST2CD472J	J AA	4.7 kohms,1/6W
R551-553	VRD-ST2CD563J	J AA	56 kohms,1/6W	R774	VRD-ST2CD104J	J AA	100 kohm,1/6W
R554B,C	VRD-ST2EE221J	J AA	220 ohms,1/4W	R776,777	VRD-RT2HD220J	J AA	22 ohms,1/2W
R555B,C	VRD-ST2EE221J	J AA	220 ohms,1/4W	R778,779	VRD-ST2CD563J	J AA	56 kohms,1/6W
R561,562	VRD-ST2CD222J	J AA	2.2 kohms,1/6W	R780	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W
R563,564	VRD-ST2CD104J	J AA	100 kohm,1/6W	R781	VRD-ST2CD102J	J AA	1 kohm,1/6W
R565,566	VRD-ST2CD102J	J AA	1 kohm,1/6W	R782	VRD-ST2CD332J	J AA	3.3 kohms,1/6W
R567,568	VRD-ST2CD822J	J AA	8.2 kohms,1/6W	R783	VRD-ST2CD122J	J AA	1.2 kohms,1/6W
R569,570	VRD-ST2CD273J	J AA	27 kohms,1/6W	R784	VRD-ST2CD102J	J AA	1 kohm,1/6W
R571,572	VRD-ST2CD222J	J AA	2.2 kohms,1/6W	R785	VRD-ST2CD473J	J AA	47 kohms,1/6W
R581,582	VRD-ST2CD222J	J AA	2.2 kohms,1/6W	R787	VRS-VV3AAR20J	J AB	0.2 ohms,1W
R583,584	VRD-ST2CD223J	J AA	22 kohms,1/6W	R788	VRD-ST2CD222J	J AA	2.2 kohms,1/6W
R585,586	VRD-ST2CD102J	J AA	1 kohm,1/6W	R789	VRD-ST2CD682J	J AA	6.8 kohms,1/6W
R587,588	VRD-ST2CD392J	J AA	3.9 kohms,1/6W	R791	VRD-ST2CD393J	J AA	39 kohms,1/6W
R589,590	VRD-ST2CD273J	J AA	27 kohms,1/6W	R792	VRD-ST2CD273J	J AA	27 kohms,1/6W
R591,592	VRD-ST2EE101J	J AA	100 ohm,1/4W	R793	VRD-ST2CD472J	J AA	4.7 kohms,1/6W
R594	VRD-ST2CD332J	J AA	3.3 kohms,1/6W	R794	VRD-ST2CD104J	J AA	100 kohm,1/6W
R596	VRD-ST2CD332J	J AA	3.3 kohms,1/6W	R795	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W
R598	VRD-ST2CD102J	J AA	1 kohm,1/6W	R796,797	VRD-RT2HD220J	J AA	22 ohms,1/2W
R600	VRD-ST2CD102J	J AA	1 kohm,1/6W	R798,799	VRD-ST2CD563J	J AA	56 kohms,1/6W
△ R601	RR-HZ0001AWZZ	J	4.7 Mohms,1/2W	OTHER CIRCUITRY PARTS			
R603	VRD-ST2EE821J	J AA	820 ohms,1/4W	BI3/CNS3	QCNCWN0038SJZZ	J AK	Connector Ass'y,4/4Pin
R604,605	VRD-ST2CD470J	J AA	47 ohms,1/6W	BI4/CNS4	QCNCWN0036SJZZ	J AN	Connector Ass'y,8/8Pin
R606	VRD-ST2CD102J	J AA	1 kohm,1/6W	BI5/CNS5	QCNCWN0031SJZZ	J AK	Connector Ass'y,3/3Pin
R607	VRD-ST2CD332J	J AA	3.3 kohms,1/6W	BI581/CNS581	QCNCWN0037SJZZ	J AM	Connector Ass'y,5/5Pin
R608	VRD-ST2CD473J	J AA	47 kohms,1/6W	△ BI601/CNS601	QCNCWN0035SJZZ	J AN	Connector Ass'y,2/2Pin
R610	VHHRXE030/-1	J AN	1 ohm,Semiconductor	BI602/CNS602	QCNCWN0030SJZZ	J AP	Connector Ass'y,7/7Pin
R611,612	VRD-ST2EE1R0J	J AA	1 ohm,1/4W	BI603/CNS603	QCNCWN0034SJZZ	J AK	Connector Ass'y,5/5Pin
R613	VRD-ST2EE222J	J AA	2.2 kohms,1/4W	CNP1A	QCNCWZF23AWZZ	J AK	Plug,23Pin
R614	VRD-ST2EE101J	J AA	100 ohm,1/4W	CNP1B	QCNCWZG23AWZZ	J AK	Plug,23Pin
R615	VRD-ST2CD123J	J AA	12 kohms,1/6W	CNP3	QCNCM999DAFZZ	J AG	Plug,4Pin
R616,617	VRD-ST2EE221J	J AA	220 ohms,1/4W	CNP4	QCNCM998HAFZZ	J AH	Plug,8Pin
R620	VRD-ST2EE561J	J AA	560 ohms,1/4W	CNP5	QCNCM999CAFZZ	J AG	Plug,3Pin
R621	VRD-ST2CD102J	J AA	1 kohm,1/6W	CNP201	QCNCM010MAWZZ	J AC	Plug,10Pin
R622	VRD-ST2CD470J	J AA	47 ohms,1/6W	CNP581	QCNCM999EAFZZ	J AG	Plug,5Pin
R623	VRS-VV3AA471J	J	470 ohms,1W	△ CNP601	QCNCM036BAWZZ	J AC	Plug,2Pin
R626	VRD-ST2CD104J	J AA	100 kohm,1/6W	CNP602	QCNCM998GAFZZ	J AH	Plug,7Pin
R627	VRD-ST2CD683J	J AA	68 kohms,1/6W	CNP603	QCNCM998EAFZZ	J AG	Plug,6Pin
R701,702	VRD-ST2CD102J	J AA	1 kohm,1/6W	CNS201	QCNCW010MAWZZ	J AD	Socket,12Pin
R703,704	VRD-ST2CD103J	J AA	10 kohm,1/6W	△ F601	QFS-D302BSJN1	J AG	Fuse,3A
R705,706	VRD-ST2CD122J	J AA	1.2 kohms,1/6W	△ F611	QFS-D801BSJN1	J AG	Fuse,800mA
R707,708	VRD-ST2CD102J	J AA	1 kohm,1/6W	FC1	QCNCWN0032SJZZ	J AL	Flat Cable,23Pin
R709,710	VRD-ST2CD473J	J AA	47 kohms,1/6W	FL1	VVKBT211GK/-1	J BG	FL Display
R713,714	VRS-VV3AAR20J	J AB	0.2 ohms,1W	J581	QJAKJ0001SJZZ	J AM	Jack,Headphones
R715,716	VRD-ST2CD222J	J AA	2.2 kohms,1/6W	JK401	QJAKZ0001SJZZ	J AP	Jack,Audio Input/Output
R717,718	VRD-ST2CD682J	J AA	6.8 kohms,1/6W	△ RLY601	RRLYD0001SJZZ	J AQ	Relay
R719	VRD-ST2CD183J	J AA	18 kohms,1/6W	RX1	VHLN64H380A-1	J AK	Remote Sensor,N64H380A
R720	VRD-ST2CD123J	J AA	12 kohms,1/6W	SO701	QCNCM772HAFZZ	J AN	Socket,Front/Center/Sub Speakers
R721	VRD-ST2CD393J	J AA	39 kohms,1/6W	SO702	QCNCM772DAFZZ	J AD	Socket,Surround Speakers
R724	VRD-ST2CD472J	J AA	4.7 kohms,1/6W	SOC201	QTANC0301AWZZ	J AH	Terminal,Antenna
R725-728	VRD-ST2HD220J	J AA	22 ohms,1/2W	SW1	QSW-P0002SJZZ	J AH	Switch,Push Type [POWER]
R729-731	VRD-ST2CD563J	J AA	56 kohms,1/6W	SW2	QSW-K0005AWZZ	J AC	Switch,Key Type [TIMER/SLEEP]
R733,734	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W	SW3	QSW-K0005AWZZ	J AC	Switch,Key Type [DOLBY PROLOGIC]
R735,736	VRD-ST2CD223J	J AA	22 kohms,1/6W	SW4	QSW-K0005AWZZ	J AC	Switch,Key Type [EQUALIZER]
R737	VRD-ST2CD183J	J AA	18 kohms,1/6W	SW5	QSW-K0005AWZZ	J AC	Switch,Key Type [X-BASS]
R738,739	VRD-ST2CD562J	J AA	5.6 kohms,1/6W	SW6	QSW-K0005AWZZ	J AC	Switch,Key Type [ENTER]
R740	VRD-ST2CD223J	J AA	22 kohms,1/6W	SW7	QSW-K0005AWZZ	J AC	Switch,Key Type [VOLUME DOWN]
R741	VRD-ST2CD102J	J AA	1 kohm,1/6W	SW8	QSW-K0005AWZZ	J AC	Switch,Key Type [VOLUME UP]
R742	VRD-ST2CD563J	J AA	56 kohms,1/6W	SW9	QSW-K0005AWZZ	J AC	Switch,Key Type [MEMORY/SET]
R743	VRD-ST2CD221J	J AA	220 ohms,1/6W	SW10	QSW-K0005AWZZ	J AC	Switch,Key Type [TUNING UP]
R744	VRD-ST2CD102J	J AA	1 kohm,1/6W	SW11	QSW-K0005AWZZ	J AC	Switch,Key Type [TUNING DOWN]
R745	VRD-ST2CD473J	J AA	47 kohms,1/6W	SW12	QSW-K0005AWZZ	J AC	Switch,Key Type [TUNER/BAND]
R747	VRS-VV3AAR20J	J AB	0.2 ohms,1W	SW13	QSW-K0005AWZZ	J AC	Switch,Key Type [CD/AUX]
R748	VRD-ST2CD222J	J AA	2.2 kohms,1/6W	SW14	QSW-K0005AWZZ	J AC	Switch,Key Type [VCR-2]
R749	VRD-ST2CD682J	J AA	6.8 kohms,1/6W	SW15	QSW-K0005AWZZ	J AC	Switch,Key Type [VCR-1]
R751	VRD-ST2CD393J	J AA	39 kohms,1/6W	SW23	QSW-Z0003AWZZ	J AH	Switch,Push Type [JOG]
R752	VRD-ST2CD273J	J AA	27 kohms,1/6W	CABINET PARTS			
R753	VRD-ST2CD472J	J AA	4.7 kohms,1/6W	201	GCAB-3001SJSA	J BB	Top Cabinet
R754	VRD-ST2CD104J	J AA	100 kohm,1/6W	202	PCOVW1004SJZZ	J AH	Cover,Power PWB
R756,757	VRD-RT2HD220J	J AA	22 ohms,1/2W	203	GITAR0001SJSA	J AT	Rear Panel (For U.S.A.Only)
R758,759	VRD-ST2CD563J	J AA	56 kohms,1/6W	203	GITAR0003SJSA	J	Rear Panel (For Canada Only)
R760	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W				
R761	VRD-ST2CD102J	J AA	1 kohm,1/6W				
R762	VRD-ST2CD332J	J AA	3.3 kohms,1/6W				
R763	VRD-ST2CD122J	J AA	1.2 kohms,1/6W				
R764	VRD-ST2CD102J	J AA	1 kohm,1/6W				
R765	VRD-ST2CD473J	J AA	47 kohms,1/6W				
R767	VRS-VV3AAR20J	J AB	0.2 ohms,1W				
R768	VRD-ST2CD222J	J AA	2.2 kohms,1/6W				
R769	VRD-ST2CD682J	J AA	6.8 kohms,1/6W				
R771	VRD-ST2CD393J	J AA	39 kohms,1/6W				
R772	VRD-ST2CD273J	J AA	27 kohms,1/6W				

HT-DP2500

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
204	LANGK0004SJFW	J	AF	Bracket,Tuner PWB A
205	LANGK0005SJFW	J	AE	Bracket,Tuner PWB B
206	GLEGP0001SJSA	J	AF	Leg
207	LCHSM0001SJFW	J	AZ	Main Chassis
208	LANGK0003SJFW	J	AE	Bracket,Heat Sink B
209	JKNBZ0007SJSA	J	AH	Button,Function
210	JKNBZ0008SJSA	J	AF	Button,Enter
211	JKNBK0009SJSA	J	AG	Knob,Volume
212	CPNLC1009SJ01	J	BQ	Front Panel Ass'y
212- 1		—		Front Panel (Not Replacement Item)
212- 2	HBDGA1002SJSA	J	AF	Badge,SHARP
212- 3	HDECBC0001SJSA	J	AE	Decoration,Leg
212- 4	PCUSG0001SJZZ	J	AD	Leg Cushion
213	HDECQ0003SJSA	J	AM	FL Panel
214	HDECQ0004SJSA	J	AG	Decoration Ring,Jog
215	LHLDW1001SJZZ	J	AD	Nylon Band
216	MSPRD0004SJFJ	J	AD	Spring,Volume
217	JKNBK0010SJSA	J	AF	Knob,Power
218	JKNBK0008SJSA	J	AG	Knob,Jog
219	JKNBK0011SJSA	J	AE	Knob,Sub Woofer Volume
△ 220	QACCD0022AWZZ	J	AM	AC Power Supply Cord
221	QFSHD0001AWZZ	J	AB	Holder,Fuse
222	LBSHC0001SJZZ	J	AE	Bushing,AC Power Supply Cord
223	LHLDZ1007SJZZ	J	AF	Holder,FL Display
224	LHLDZ1008SJZZ	J	AF	Holder,LED
225	LANGK0002SJFW	J	AE	Bracket,Heat Sink
226	PRDAR0002SJZZ	J	BB	Heat Sink A
227	PRDAR0003SJZZ	J	AX	Heat Sink B
228	PRDAR0004SJZZ	J	AL	Heat Sink C
229	PRDAR0005SJZZ	J	AH	Heat Sink D
601	XJBSF30P10000	J	AA	Screw,ø3×10mm
602	XHBSD40P06000	J	AA	Screw,ø4×6mm
603	XJBSD30P08000	J	AA	Screw,ø3×8mm
604	XJSSD30P08000	J	AA	Screw,ø3×8mm
605	LX-JZ0010AFFD	J	AA	Screw,ø3×10mm
607	XEBSD30P10000	J	AA	Screw,ø3×10mm
608	XESSD30P10000	J	AA	Screw,ø3×10mm
609	XEBSF30P08000	J	AA	Screw,ø3×8mm
610	XCBSF30P08000	J	AA	Screw,ø3×8mm
611	XJBSD30P10000	J	AA	Screw,ø3×10mm
612	XJBSD30P12000	J	AA	Screw,ø3×12mm
PACKING PARTS [C ONLY]				
	SPAKA0005SJZZ	J		Packing Add.,Left/Right
	SPAKA0006SJZZ	J		Packing Add.,Front/Center/ Surround Speaker
	SPAKA0007SJZZ	J		Packing Add.,Sub Woofer
	SPAKC0016SJZZ	J		Packing Case
	SSAKA0002SJZZ	J	AE	Polyethylene Bag,Accessories
	SSAKH0002SJZZ	J	AF	Polyethylene Bag,Unit
	SSAKH0003SJZZ	J	AE	Polyethylene Bag,Front/Center
	SSAKH0004SJZZ	J	AF	Polyethylene Bag,Surround
	SSAKH0005SJZZ	J	AE	Polyethylene Bag,Sub Woofer
ACCESSORIES				
	QANTL0001SJZZ	J	AK	AM Loop Antenna
	QANTW0001SJZZ	J	AH	FM Wire Antenna
	QCNWG0001SJZZ	J	AX	Front Speaker Cord Ass'y
	QCNWG0003SJZZ	J	AR	Connecting Cord,RCA Type, Audio
	QCNXXG0002SJZZ	J		Surround Speaker Cord Ass'y
	TINSE0006SJZZ	J	AG	Operation Manual [For U.S.A.]
	TINSK0003SJZZ	J		Operation Manual [For Canada]
	TINSZ0006SJZZ	J	AD	Quick Guide [For U.S.A.Only]
	YFY910Q016	J		Label,Feature Front Speaker
	RRMCG0001SJSA	J	AZ	Remote Control
	GFTAB1006SJSA	J		Battery Lid,Remote Control

P.W.B. ASSEMBLY (Not Replacement Item)

PWB-A	DCEKJ0001SJ03	J	—	Main
PWB-B	DCEKR0001SJ03	J	—	Tuner
PWB-C1-5	DCEKN0002SJ03	J	—	Display/Power A/Power B/ Headphones/Switch (Combined Ass'y)

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
SPEAKER BOX PARTS Front Speaker CP-F2500				
701	9GDYFY910Q002	J	AT	Net Frame Ass'y
702	9GDYFY910Q004	J	AR	Speaker Box Ass'y
703	9GDYFY910Q008	J	AK	Duct Pipe
704	9GDSPT-C23B	J	AE	Input Terminal
705	9GDYFY910Q013	J	AE	Screw,ø4×12mm
706	9GDYFY910Q014	J	AE	Screw,ø3×12mm
707	9GDYFY910Q015	J	AE	Label,Specifications
708	9GDYFY910Q022	J	AD	Cushion,Terminal
C1,2	9GDYFY910Q012	J	AH	Capacitor,Film,3.3 μF,50V,NP
SP1,2	VSP0010WBW48A	J	AX	Woofer
SP3,4	VSP0005TBL28A	J	AX	Tweeter

SPEAKER BOX PARTS Sub Woofer CP-SW2500

701	9GDYFY910C002	J	AU	Net Frame Ass'y
702	9GDYFY910C004	J	AS	Duct Panel Ass'y
703	PGSK0001SJZZ	J	AD	Duct Cushion
704	9GDYFY910C012	J	AD	Screw,ø3×10mm
705	9GDYFY910C007	J	AW	Speaker Box Ass'y
706	9GDYFY910Q006	J		Duct Pipe
707	9GDSPT-C23B	J	AE	Input Terminal
708	9GDYFY910Q013	J	AE	Screw,ø4×12mm
709	9GDYFY910Q014	J	AE	Screw,ø3×12mm
710	9GDYFY910C014	J	AF	Label,Specifications
711	9GDYFY910Q022	J	AD	Cushion,Terminal
SP1	VSP0013WB288A	J	AZ	Woofer

SPEAKER BOX PARTS Center Speaker CP-C2500

701	9GDYFY910Z002	J	AU	Net Frame Ass'y
702	9GDYFY910Z003	J	AR	Speaker Box Ass'y
703	9GDYFY910Q008	J	AK	Duct Pipe
704	9GDSPT-C23B	J	AE	Input Terminal
705	9GDYFY910Q013	J	AE	Screw,ø4×12mm
706	9GDYFY910Q014	J	AE	Screw,ø3×12mm
707	9GDYFY910Z007	J	AD	Label,Specifications
708	9GDYFY910Q022	J	AD	Cushion,Terminal
SP1,2	VSP0010PBW48A	J	AY	Woofer

SPEAKER BOX PARTS Surround Speaker CP-SR2500

701	9GDYFY910H002	J	AU	Net Frame Ass'y
702	9GDYFY910H004	J	AR	Speaker Box Ass'y
703	9GDSPT-C23B	J	AE	Input Terminal
704	9GDYFY910Q013	J	AE	Screw,ø4×12mm
705	9GDYFY910Q014	J	AE	Screw,ø3×12mm
706	9GDYFY910H009	J	AK	Bracket,Speaker
707	9GDYFY910H008	J	AE	Screw,ø3×10mm
708	9GDYFY910H010	J	AG	Label,Specifications
709	9GDYFY910Q022	J	AD	Cushion,Terminal
SP1,2	VSP0010PBW5WA	J	AX	Woofer

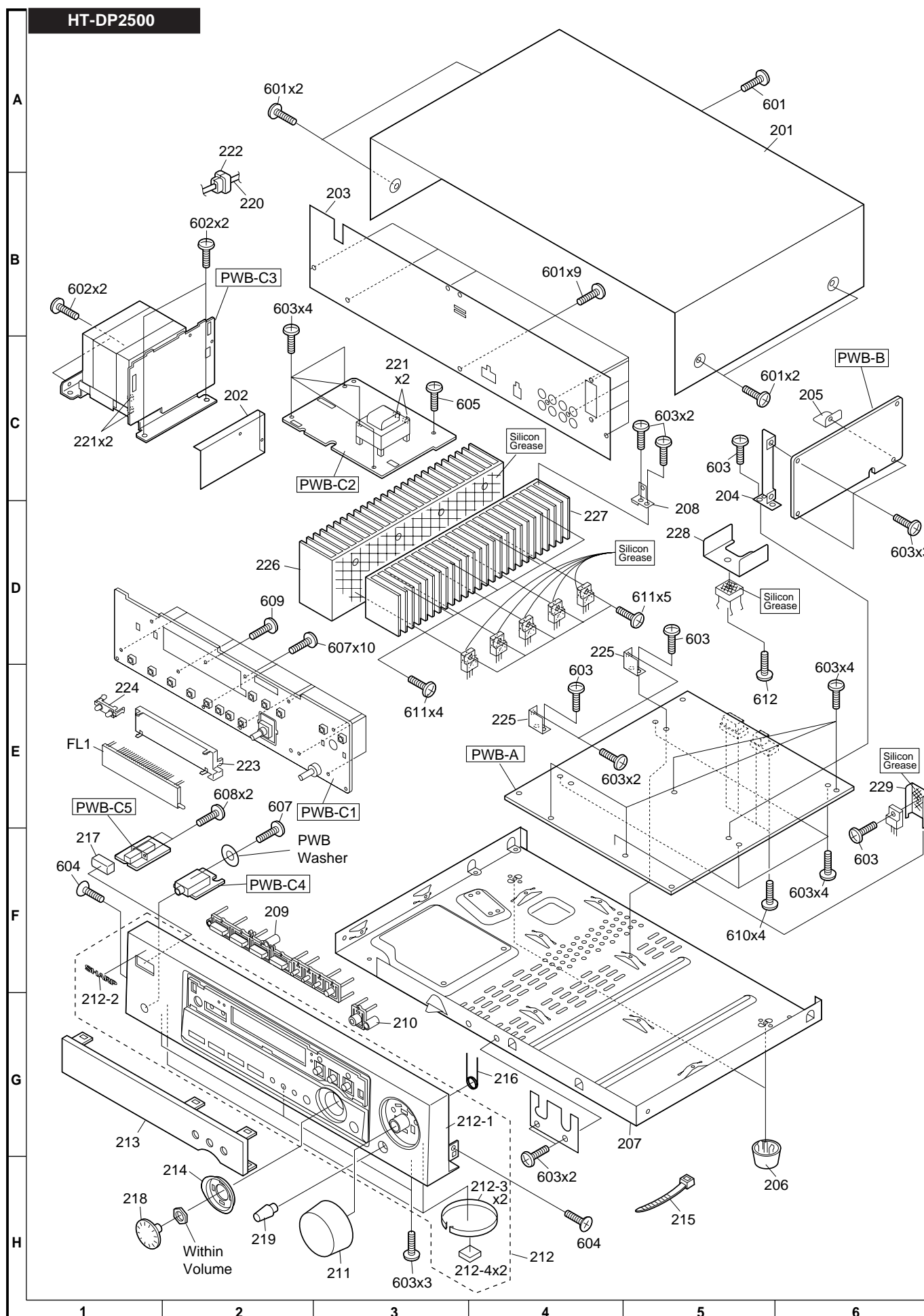


Figure 6 CABINET EXPLODED VIEW

CP-F2500

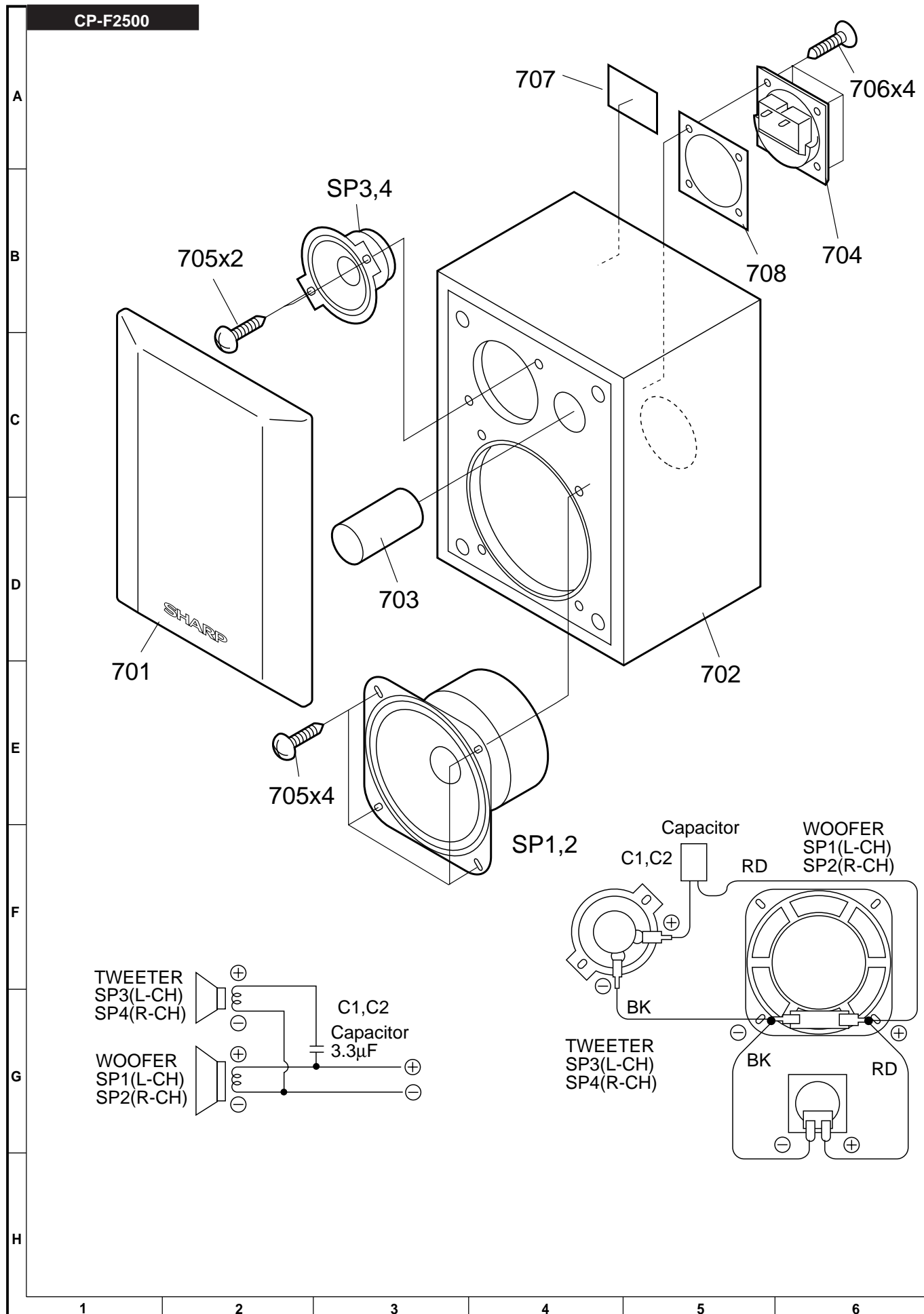


Figure 7 SPEAKER EXPLODED VIEW (1/3)

CP-SW2500

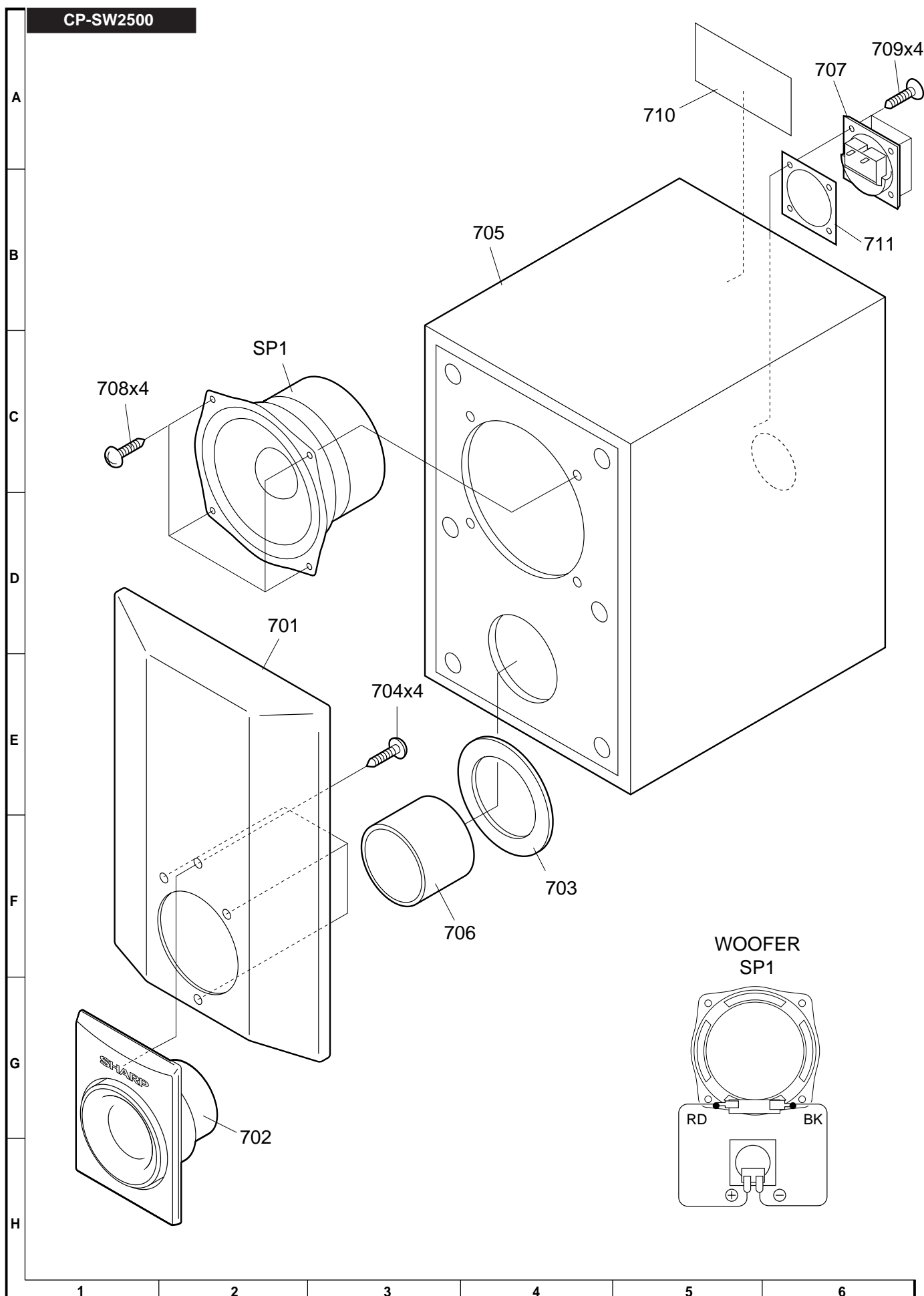


Figure 8 SPEAKER EXPLODED VIEW (2/3)

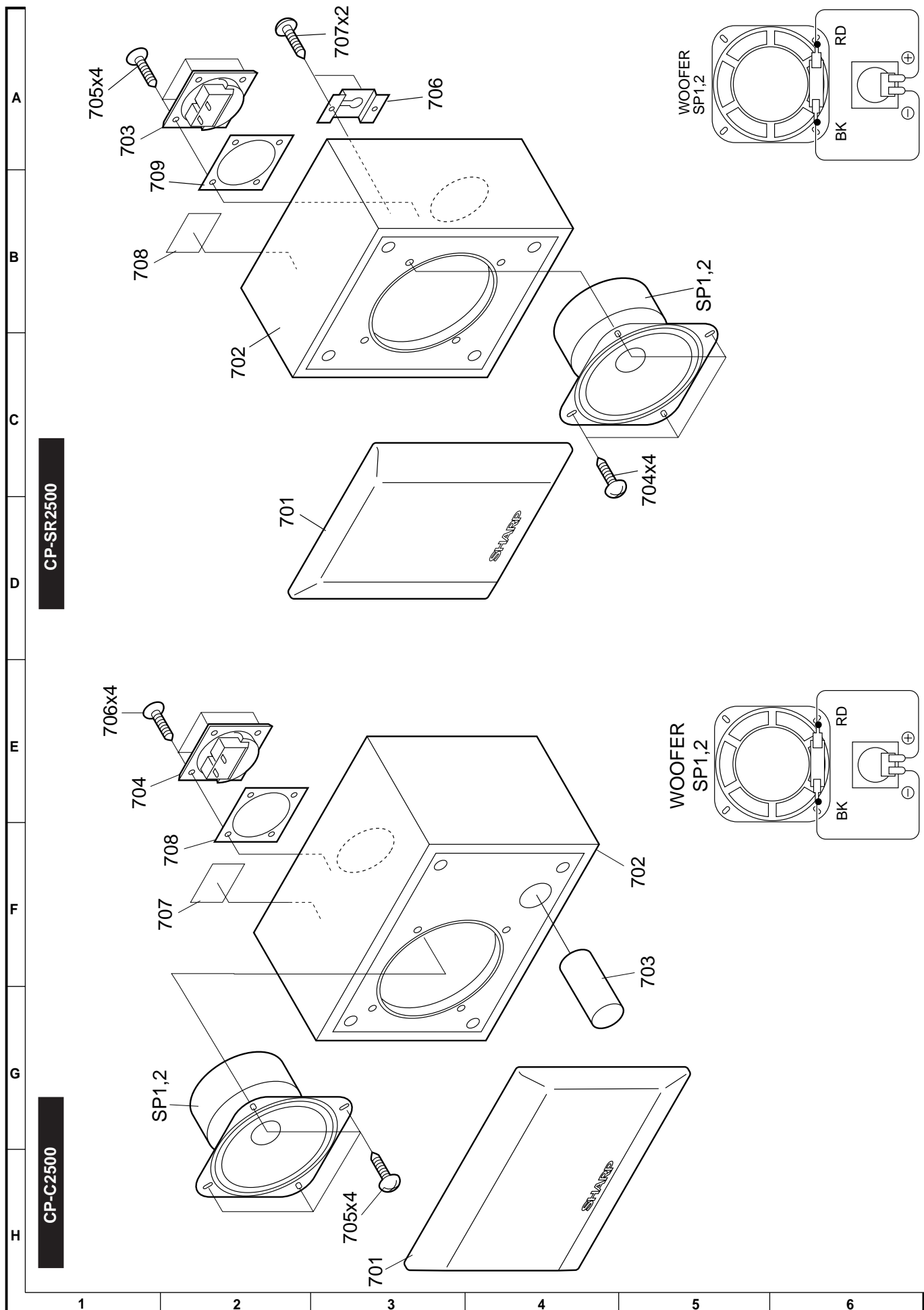
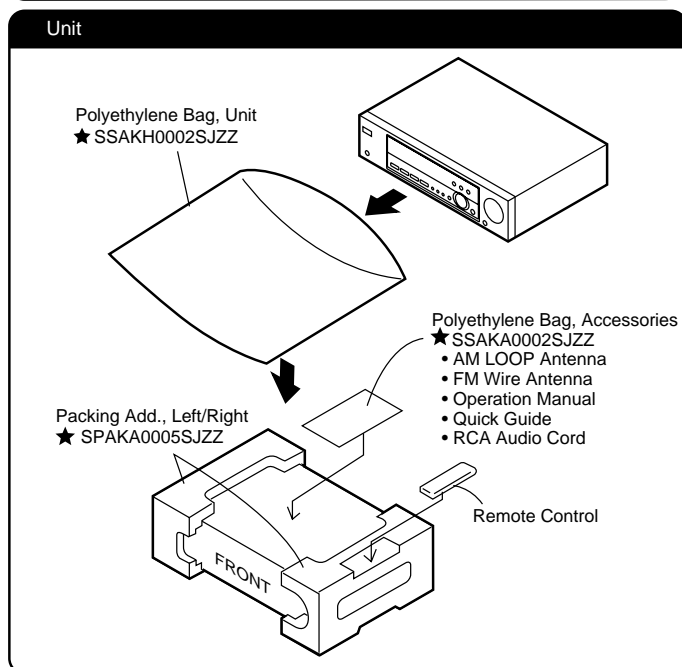
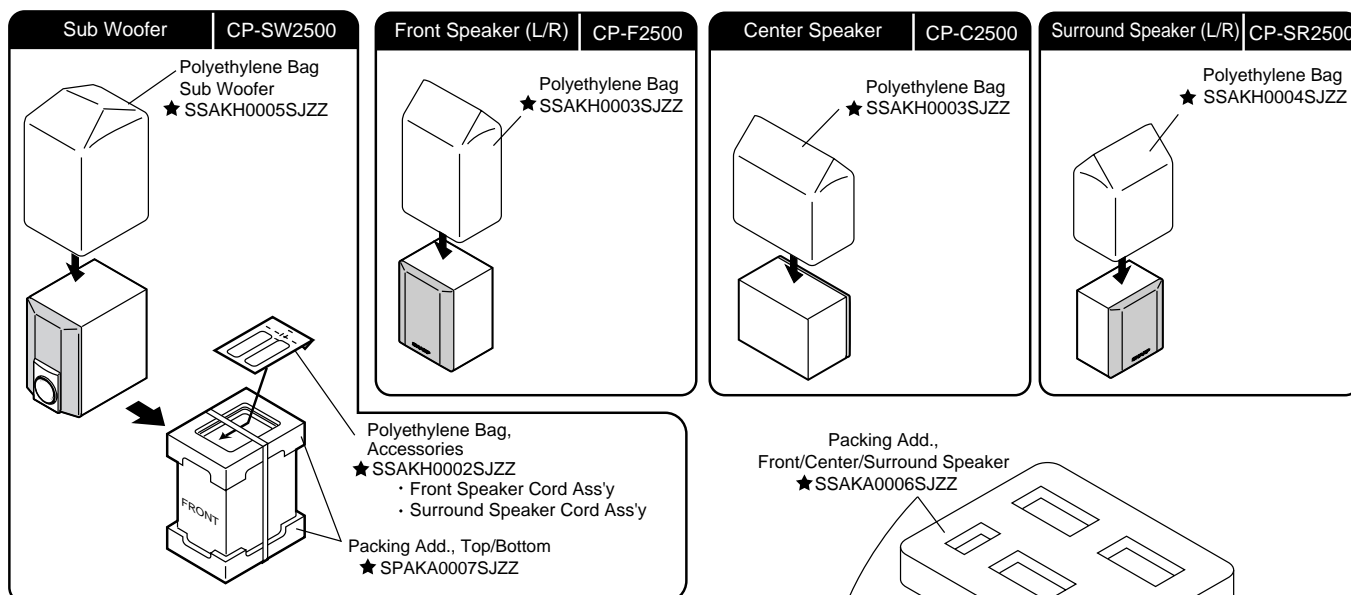
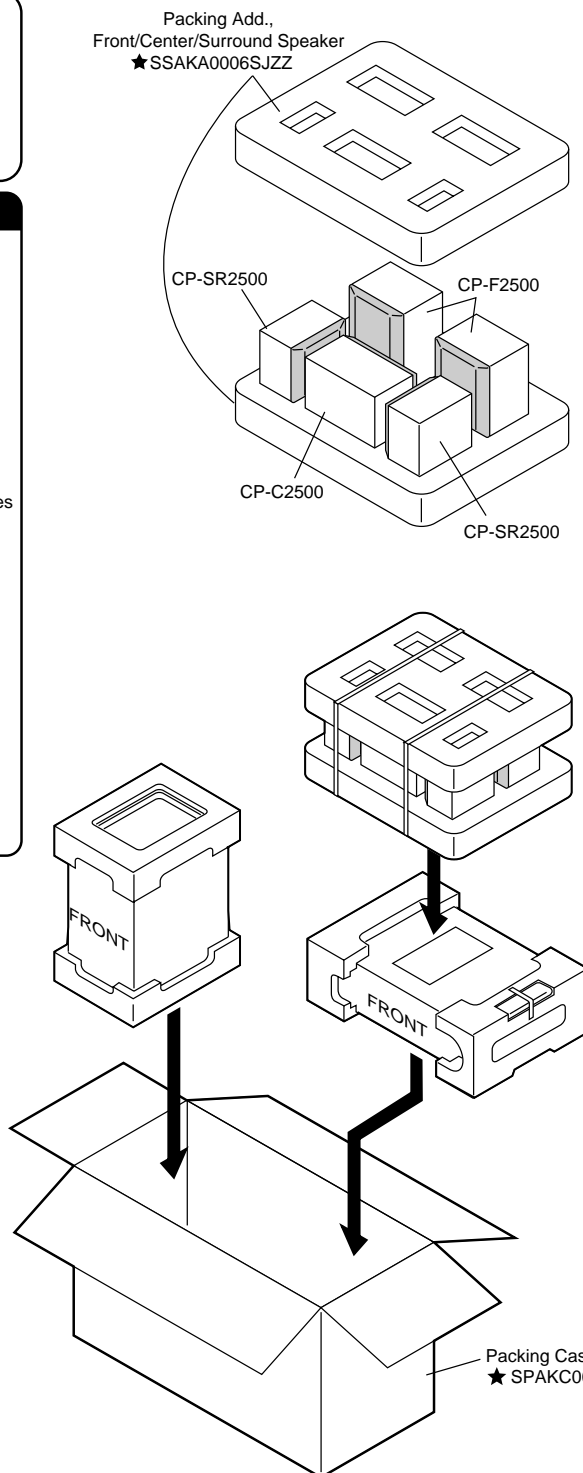


Figure 9 SPEAKER EXPLODED VIEW (3/3)

PACKING OF THE SET



★ Not Replacement Item



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